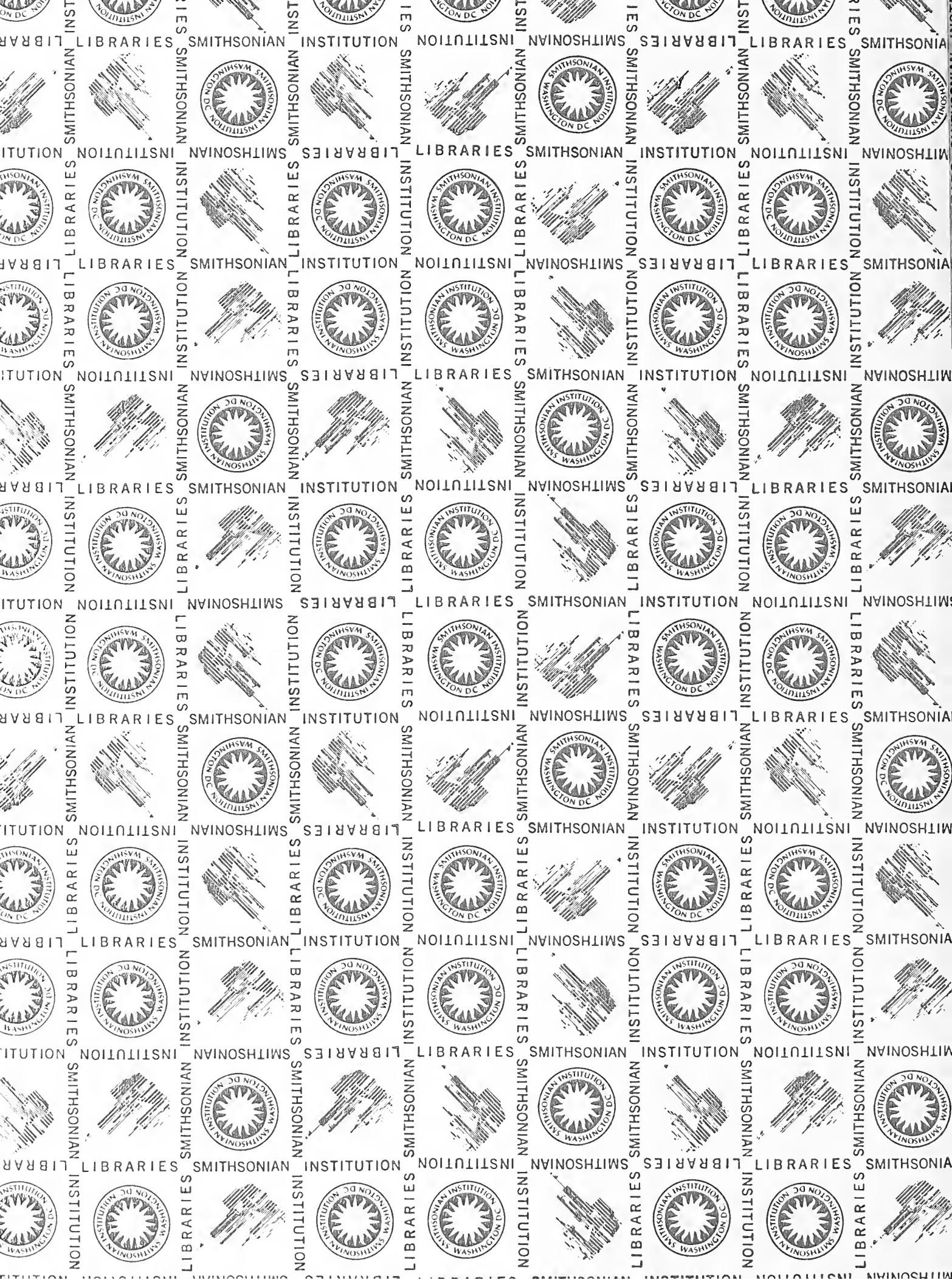
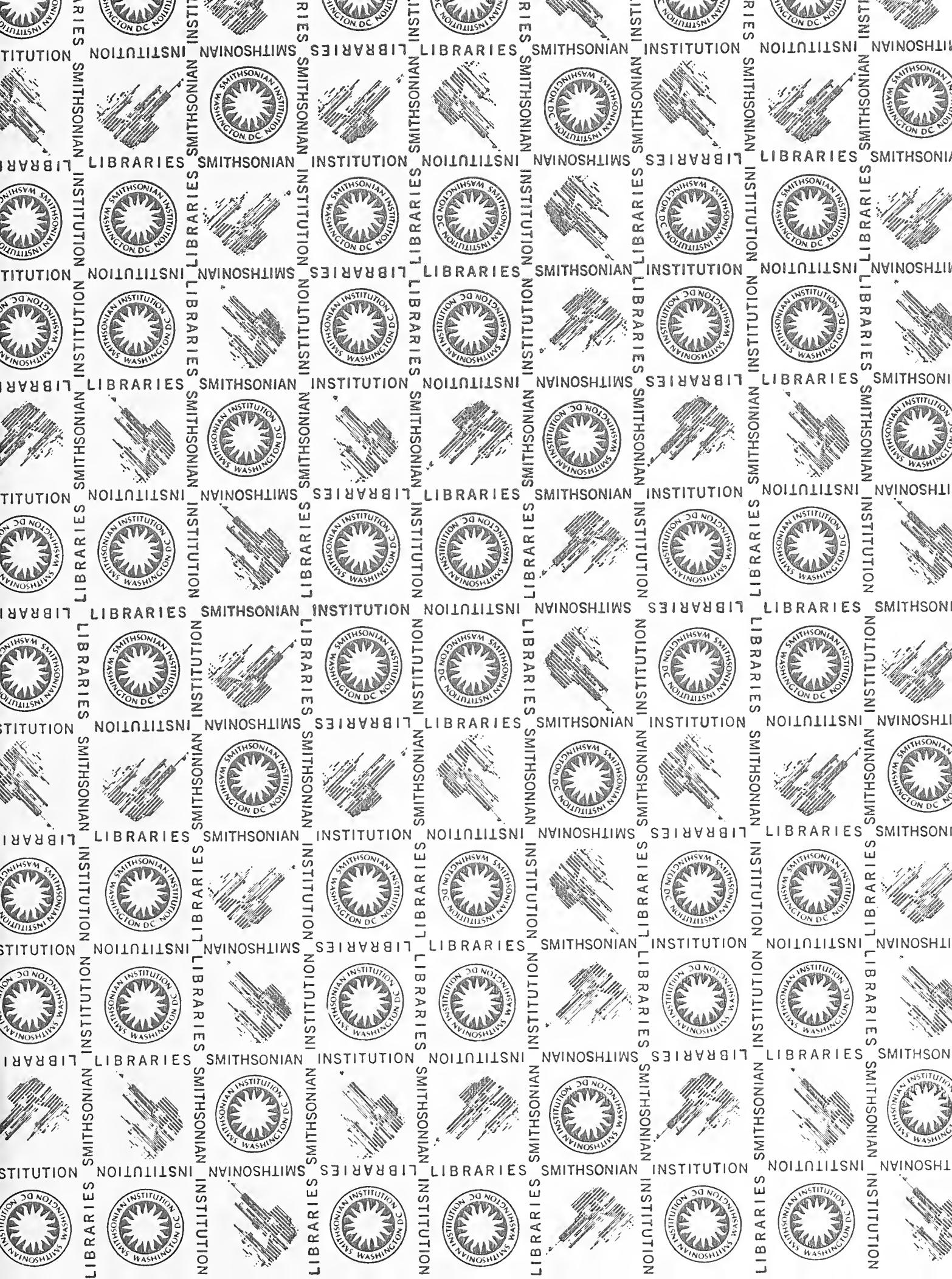


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# African Violet

*The magazine exclusively dedicated to the growing of beautiful African violets.*

July • August 1992

Volume 45

Number 4

# Strictly Business — Your Business

INFORMATION FOR CONDUCTING BUSINESS WITH YOUR SOCIETY TO ENSURE GOOD SERVICE. IF YOU HAVE MORE THAN ONE ITEM, SEND EACH ITEM TO THE CORRECT PERSON. ALWAYS GIVE YOUR NAME AND ADDRESS.

## MEMBERSHIP

Send check payable to AVSA for new or renewable membership to AVSA Office, P. O. Box 3609, Beaumont, TX 77704 - phone 409-839-4725. Life - \$200; Commercial USA - \$25, Commercial International - \$27; Individual - \$15.00, USA only. All other countries \$17.00. Remit in U.S. Dollars with draft or check on a New York, USA Bank. See Membership Application on page 1.

**AFFILIATES:** Chapter - \$15; Council, State or Region - \$30.

**MEMBERSHIP AND PROMOTION:** Send ideas, offers to help, requests for assistance to Anne Tinari, 2325 Valley Rd., Box 190, Huntingdon Valley, PA 19006.

**AFFILIATES:** For information on shows, awards, how to organize a chapter or membership questions, write Bob Green, 997 Botany Lane, Rockledge, FL 32955.

**AVSA OFFICE:** Nancy Lawrence, Office Manager, P. O. Box 3609, Beaumont, TX 77704, 409-839-4725; FAX 409-839-4329. Hours: Monday - Friday, 9:00 a.m. - 5:30 p.m. CST.

**BEST VARIETIES:** HONOR ROLL COMPILER: Floyd Lawson, 1100 W. Huntington Drive, Arcadia, CA 91007.

**BINDERS FOR BACK ISSUES PRIOR TO JULY 1992:** \$14.50 each or 2 for \$28.00.

**SLIP CASE BOXES FOR BACK ISSUES PRIOR TO JULY 1992:** \$12.50 each or 2 for \$24.00.

**BOOSTER FUND:** Send contributions to Ruth Warren, P. O. Box 3664, Fall River, MA 02722.

**BOYCE EDENS RESEARCH FUND:** Send contributions to Marlene Buck, P. O. Box 38, Oreland, PA 19075.

**BUILDING FUND:** Send contributions to Anne Jantzen, 2725 Katrina Way, Mountain View, CA 94040.

**COMMERCIAL ACTIVITIES:** David Buttram, P. O. Box 193, Independence, MO 64051.

**COMMERCIAL SALES & EXHIBITS:** For information on convention entries or sales room, contact J. R. Pittman, 12406 Alexandria, San Antonio, TX 78233.

**CONVENTION AWARDS:** Jan. issue. Send suggestions or contributions for convention awards to Esther Edwards Wells, 948 Fair Oaks Court, Liberty, MO 64068 by Sept. 1. **CONVENTION PROGRAM:** Send special requests for workshop programs; interesting speakers to DoDe Whitaker, Convention Director, 2085 Leeward Lane, Merritt Island, FL 32953. If interested in sponsoring a national convention in your area, contact Convention Director.

**FUTURE CONVENTION DATES:** Lancaster, Pennsylvania - April 19 - 24, 1993; Denver, Colorado - May 23 - 28, 1994; St. Louis, Missouri - May 22-27, 1995; Atlanta, Georgia - May 23-27, 1996

**CULTURE FOLDERS** (postpaid): 100 to 400 - \$7.50 per 100; 500 to 900 - \$5.50 per 100; 1000 and over - \$4.25 per 100

**SHORT VERSION OF CULTURE FOLDER** (postpaid):

1,000 to 4,000 - \$17.50 per 1,000; 5,000 to 9,000 - \$15.00 per 1,000; 10,000 and over - \$14.00 - per 1,000

## HANDBOOK FOR AFRICAN VIOLET GROWERS, EXHIBITORS AND JUDGES:

REVISED PAGES for 1986 & 1990 Handbook - \$4  
REVISED PAGES for 1992 Handbook - \$1.50

1992 HANDBOOK - \$9.95

**IMPORTANT:** When ordering revised pages, indicate Handbook you have.

**JUDGES DUPLICATE CARD:** Send self-addressed stamped envelope to Bill Foster, 3610 Gray Dr., Mesquite, TX 75150.

**JUDGING SCHOOL:** To register a judging school, send request to Elinor Skelton, 3910 Larchwood Rd., Falls Church, VA 22041.

**LIBRARY:** Order AVSA slide programs and packets from AVSA Office, P. O. Box 3609, Beaumont, TX 77704. List in July issue. If you have ideas for a library program or slides to donate, write Ralph Breden, 127 Via Los Altos, Redondo Beach, CA 90277.

**MAGAZINE:** Copyrighted 1992, The African Violet Society of America, Inc., all rights reserved. Reproduction in whole or in part without written permission is prohibited. All articles are property of AVSA and must not be reprinted without editor's permission.

**AVM EDITOR:** Jane Birge, P. O. Box 1401, Beaumont, Texas 77704; FAX 409-839-4329.

**ARTICLES by Members & Columnists:** Send to Editor.

**COMING EVENT NOTICES:** Send to Editor.

**\*Please Note: Deadlines - Articles, Columnists & Coming Events:** Jan. issue - Oct. 1; Mar. issue - Dec. 1; May issue - Feb. 1; July issue - Apr. 1; Sept. issue - June 1; Nov. issue - Aug. 1.

**ADVERTISING MANAGER:** Advertising rates & copy info: Diane Richardson, 9207 Ravenwood Rd., Baltimore, MD 21237; ph. 410-686-4667.

**ADVERTISING Deadlines:** Jan. issue - Nov. 1; Mar. issue - Jan. 1; May issue - Mar. 1; July issue - May 1; Sept. issue - July 1; Nov. issue - Sept. 1. ONLY currently paid Commercial Members may advertise.

**SHOW TALK (Winners):** Send to Darryl Hoover, 912 S. Highland Ave., Fullerton, CA 92632

**BACK ISSUES:** Complete your set now. Request price list of available issues from Beaumont office.

**CHANGE OF ADDRESS:** Send new address at least 30 days before it is to take effect, along with old address, to AVSA office.

**FAILURE TO RECEIVE:** Notify AVSA office in Beaumont.

**QUESTION BOX:** Jim Smith & Ralph Robinson, 489 Linwood Ave., Buffalo, NY 14209.

**MASTER VARIETY LIST:** Number 5 is out of stock.

**Number 6** will be available by September 1. Cost \$12.95 postpaid. Describes all varieties registered to Dec. 31, 1992 — all recognized species and non-registered cultivars introduced from July 1983 to Dec. 1992. MVL is looseleaf and fits in MVL Binder available from AVSA office or in an 8-1/2 x 11 regular binder.

**MVL BINDER:** 3-ring, two pockets, deep burgundy - \$6.95

**MVL SUPPLEMENTS:** will be published in the AVM. Send any correction and/or description of new cultivars with hybridizer's name to Lynn Lombard, Master Variety List Chairman, 1407 Calle Espana, San Dimas, CA 91773.

**MVL COMPUTER DISKETTES:** 1992 MVL - \$25.00. Updates (when available) - \$25.00. For computer compatibility requirements, please write Beaumont office.

**MEMBERSHIP CARDS:** Sent to Associate Members and New Members, only. Members renewing, receive card on white protective cover of AVM.

**OFFICIAL CORRESPONDENCE:** AVSA Secretary, Janet T. Riemer, 256 Pennington-Harbourton Rd., Pennington, NJ 08534.

**PLANT REGISTRATION:** Iris Keating, 149 Loretto Court, Claremont, CA 91711.

**RESEARCH:** Send suggested projects for scientific research, or names of interested, qualified potential research personnel to Frank Tinari, 2325 Valley Road, Huntingdon Valley, PA 19006.

**SHOW ENTRY TAGS:** 100 - \$6.00 ppd. Order from AVSA Office.

The African Violet Magazine (ISSN 0002-0265) is published six (6) times a year: January, March, May, July, September, November. Second class postage is paid by The African Violet Society of America, Inc., a nonprofit organization, at 2375 North Street, Beaumont, TX 77702 and at additional mailing offices. Subscription \$15.00 per year which is included in membership dues.

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**POSTMASTER:** Please send change of address form 3579 to African Violet Magazine, P. O. Box 3609, Beaumont, TX 77704.

# African Violet MAGAZINE

Vol. 45 No. 4

July • August 1992

Every attempt is made to keep articles technically correct. Since the growing of fine African violets can be achieved in many ways, the methods and opinions expressed by writers are their own and do not necessarily reflect the opinion of AVSA.

**ON THE COVER — Best in Show, OCEAN EYES, grown and shown by Marie Burns of Baltimore, Maryland, at the 1992 Columbus (OH) AVSA Convention/Show.**

Photo by T. A. Etter, Columbus, OH

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The African Violet Society of America, Inc.

P. O. Box 3609, Beaumont, TX 77704

Membership runs one year from date paid and includes 6 issues of the African Violet magazine.

Individual Membership USA (\$15.00)

Associate Member USA (\$7.50-no magazine)

International Membership (\$17.00)

International Associate (\$8.50-no magazine)

Commercial USA (\$25.00)

Commercial International (\$27.00)

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Life Member (\$200.00)

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New Member  Renewal

Make checks payable to AVSA, Inc. INTERNATIONAL APPLICANTS: please remit in US\$ with a draft or check on a New York, USA bank.

# African Violet MAGAZINE

The Official Publication  
of The African Violet Society  
of America, Inc.  
a nonprofit organization



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Arcadia, CA 91006

**Tally Time**  
**ANNA JEAN LANDGREN**  
2450 Iroquois Road  
Wilmette, IL 60091

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## FROM THE PRESIDENT'S DESK

Dear AVSA Members,

Thank you again for allowing me to continue for a second term as your AVSA President. My format for the coming year, as in the past one, will be looking for ways of improving the operation of AVSA by cutting and increasing costs where needed, simplifying the handling of funds and more direction toward operating procedures.

How do you like the change in the magazine? The reason for this is to comply with the standard size of publications on the retail market of 8-1/2 x 11". This was requested by the retail outlets, as well as the distributors.

The benefit of the change will be to increase our circulation, thereby reaching growers of African violets that do not know that AVSA even exists. This larger circulation will hopefully increase membership in our affiliates and in AVSA.

We have had several months of trial runs in book stores and newsstands and the reception has been encouraging in that the distributor has been increasing its order for the publication. The new size will have larger type for better readability and larger color photos of plants and arrangements.

I wish to take this opportunity to thank the outgoing directors for their devotion, their time spent, their efforts and their expenditures on behalf of AVSA — Joan Halford of South Africa, Betty Lou Lages of Maryland, Linda Owens of Ohio, Peggy Staat of New Mexico and Palma Trapp of Minnesota.

I also want to welcome the newly elected Directors — Georgene Albrecht of Pennsylvania, Genola B. Cox of Wisconsin, Janet DuCharme of Florida, Martha Dyson of Louisiana and K. Evelyn Salamanowicz of Canada. They were all installed at the AVSA Convention in Columbus, Ohio.

Other welcomes go to: AVSA's new Advertising Chair, Diane Richardson from Baltimore, Maryland; Joyce Stork of Fremont, Nebraska, who will chair the committee for the future direction of AVSA; and Meredith Hall of Houston, Texas who has been installed as our new AVSA Treasurer.

Congratulations to Ruth Warren of Fall River, Massachusetts, for her persistent efforts and success in bringing in enough donations through the AVSA Booster Fund to pay for our new computer system. Thank you Ruth, we need more dedicated people like you.

It's certainly not too early to start thinking of "On the road to Lancaster, Pennsylvania," the location of AVSA's 1993 convention. Preparation has been going on for sometime now and you can rely on the fact that they will have the best to entice you to come. I have been to one of their meetings and they are a very enthusiastic group. More on this later — that's all for now.

Sincerely yours

A handwritten signature of the president's name.

A. Charles Bollar, AVSA President

# NEWSLINE: AVSA Beaumont Office ...

**NANCY LAWRENCE**  
AVSA Office Manager

Dear Members,

Below is some important information regarding the Updated Pages and Handbook for Growers, Exhibitors and Judges:

(NOTE: Please check your handbook carefully, then read the descriptions below to determine what you need to have a current book.) Be sure to tell us what book you have when ordering.

1986 - (Yellow) Handbook: If you ordered the 1990 updated pages, you need the 1992 updates pages - \$4.00.

If you did NOT order the 1990 updated pages then you need a new 1992 Handbook - \$9.95.

1990 - (Ivory) Handbook: Order the 1992 updates pages - \$4.00.

1992 (Ivory) Handbook: Order the April 1992 updates pages - \$1.50.

A few additional changes were made to the 1992 book in April at the Columbus convention.

Again, I must stress that it is very important for you to tell us which book you have when you order.

If you are ordering the Handbook for the FIRST TIME, please tell us that also - price \$9.95. NEW MVL #6 - \$12.95. The new MVL #6 will be available in September. We are out of the MVL #5, but if you ordered that book, we will send you the new MVL #6 when we receive it.

The new MVL #6 will be loose-leaf and requires a binder. It will fit in the MVL binders we have for \$6.95 or it will fit in a regular

notebook binder, which you can buy at any office supply store. (NOTE: The order form on your white cover states that you have to contact the office for date available on the MVL #6. This is an error. The information above is correct.)

## AFFILIATED CHAPTER LISTINGS IN SEPTEMBER AVM:

All of our affiliated clubs will be listed in the September AVM. Any changes of Presidents and addresses should have been in this office by June 1, so that we could list your club correctly; however, if you forgot to notify us, or you've had a recent change, get the information to me quickly, and I will try to see that it is put in the AVM.

## NEW ITEMS FOR SALE:

At the Columbus convention, our Ways and Means Chair, Mary A. Boland introduced a

new watch, designed by her daughter, Annamarie Mays. The new watch has a lovely violet blossom on it and was very popular at convention. The color of the blossom is quite striking, and difficult to appreciate in black and white; nevertheless we are showing it to

give you an idea of the design:

Mary Boland also introduced a sew or iron on AVSA patch in white and purple. The size is 3" and is pictured below in actual size.

The watches and the patch are listed on our order blank on the white protective cover of your magazine.



(actual size)

**275- New Design AVSA Watch  
(small) - \$30.00**



(actual size)

**276- New Design AVSA Watch  
(large) - \$30.00**



**410 AVSA Patch with logo (sew or iron on) - \$4.00**

# Jane's Journal

Jane Birge, Editor

Well, I got me a couple of flags at the Columbus convention and lots of other nice gifts, but I will have tell about those in the next issue.

The flags, however, are a welcome addition to the AVSA mantle and I want to thank **Ed Hoefer**, President of the Orange County AVS, Fullerton, CA, who gave me a beautiful little flag and history from Korea; and **Jeanie Bell** presented me with the unusually eye-catching flag from her Canadian province of New Brunswick.

It's my first (and only) flag from a province; however, the Maple Leaf of Canada is very well represented. The thing I like about the flag from New Brunswick is that no one has been able to guess where it is from.

My sister-in-law, **Margaret Birge**, who is very, very good with things like flags, etc. (she was recently on the television show, "Jeopardy"), couldn't guess where it was from. Thank you Jeanie — and if there are any more provincial flags laying around out there, I sure would like to put them up there next to New Brunswick!

I don't have a flag from the state of California, but I'll be nice and run the request from **Don Thornburg**, who is trying to locate an Irene Fredette oldie, 'Fredette's Sugar Blues.' He says, "I would be most happy to

pay all expenses, plus other reasonable costs if I could get a leaf, small plant, or whatever. I'm sure this plant must be out there somewhere." You can contact Don at 266 Lenox Ave., #406, Oakland, CA 94610. Don also sent along a poem — author unknown and thought we might all enjoy it:

*A little seed lay on the ground  
And soon began to sprout.  
"Now which of all the flowers  
around,"  
It mused, "shall I come out?"*

*"The lily's face is fair and  
proud  
But just a trifle cold  
The rose, I think, is rather loud  
And then, its fashion's old.*

*The violet is all very well  
But not the flower I'd choose.  
Nor yet the Canterbury bell -  
I never cared for blues."*

*And so it criticized each flower  
This supercilious seed,  
Until it woke one summer morn  
And found itself a weed!*

Thank you, Don! Now can I have a flag from California?

**Ruth McMillen**, 11056 W. Baldwin Road, Gaines, MI 48436 (517-271-8608) has many, many back issues of the AVM for sale — starting back with Volume 1. Write her or give her a call if you are interested in

completing your set.

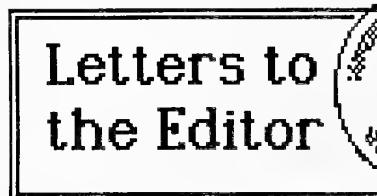
Speaking of the AVM, how do you like the new size and look? I would really appreciate your comments, critiques, criticisms and comedic remarks.

AVM advertisers should be aware that we have a new advertising manager: **Diane Richardson**, 9207 Ravenwood Road, Baltimore, MD 21237. My special thank you to **Meredith Hall** of Houston, for her many years as advertising manager.

There are exciting things to look forward in future AVMs. We have decided to drop a few things and add a few things and I hope it all meets with your approval.

It was great being back in the Midwest again and having the opportunity to visit with my cousin, **Douglas Whaley** and **Jerry Bunge**, in Columbus, and my family in nearby Jasper, Indiana. Another cousin, from Indianapolis, **Tim Rohleder** and his wife came to the convention and were astounded with the plants that were in the show — folks don't know we're not just little purple flowers with hairy green leaves anymore!

With the new, improved and larger size of the magazine, I need more and more articles — therefore my plea goes out again... and remember, AVSA and AVM has a 24-hour FAX Line — that number again is 409-839-4329.



Dear editor:

For over 800 members who attended the beautiful African violet convention in Columbus, OH in April and witnessed 900 plants, design and publications in competition, there was afforded an extra surprise if they visited AMERIFLORA '92, located a short distance from convention headquarters.

We salute the magnificent winning African violet display by one of our prominent commercial members, The Holtkamp Company, of Nashville, TN.

Their entry was a floral graphic of the American flag featuring thousands of African violets in full bloom in celebration of the 100th anniversary of the discovery of the African violet, entitled "Colorful Horizons."

It was a thrill to see this beautiful design exhibit of our American flag which was a major attraction in a two-week international flower and garden design competition never before held in America.

We observed how pleasantly surprised many visitors were to see such magnificent color displayed in African violets that were once only blue.

A unique double celebration of America's 500th Anniversary of its discovery and the 100th year discovery of our favorite plant, the African violet, was

indeed a milestone in our great heritage.

Sincerely,

ANNE TINARI, Chair  
AVSA  
Membership & Promotion

Dear editor:

In our Natal African Violet Society magazine we would like to start a penpal corner.

We are so fortunate to have somebody like Joan Halford who has set such a high standard for growing African violets, as a "mother" with us here in South Africa.

No matter how silly you feel your question might be, Joan is always approachable and willing to share her knowledge with us.

It was a great bonus to us to have her publish her own book for growing African violets in the South African climate and conditions, and sharing all the knowledge she gained over the years with us.

Kind wishes

from a sunny South Africa,  
Jo Cossavella,

Show Chair

The Natal African Violet Society  
P. O. Box 6135, Durban, 4000  
Republic of South Africa  
ph: 3681612 (B)  
ph: 2668443 (H)

Dear AVSA,

Now that the Convention is over for another year, and things are somewhat back to normal, Jean and I wish to thank AVSA and all concerned for the lovely Best New Introduction Plaque and Rosette.

We owe a debt of gratitude to AVSA for the wonderful magazine it publishes, and for allowing us the opportunity of being Commercial members. It has been a learning experience for us since the day we joined.

We look forward with anticipation to each new Convention, and deem it a privilege to belong to such an organization.

Sincerely,

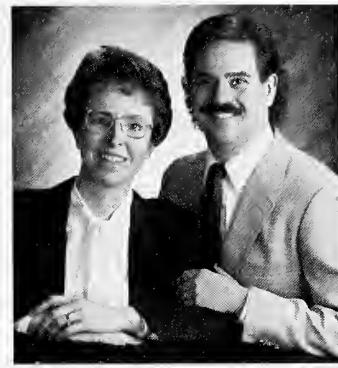
Don and Jean Ness  
Midland Violets  
3667 Midland Ave.  
White Bear Lake, MN 55110

## The Poet's Corner —

**A Violet Lovers Lament**  
As I visited my plant room one day  
I gazed at some — filled with dismay  
No rainbow colors to please the eye  
Only green leaves — I say with a sigh  
I feed you — fuss over you — no matter what I do  
I find absolutely no bloomers on you  
Tho in shapeliness — you do conform  
As a show plant you refuse to perform  
I pause by each one — then walk away  
Mentally saying "perhaps you'll surprise me one day"  
Some of you I've coddled for almost a year  
If you don't put on your bloomers  
Out you go — do you hear?  
Dorothy Goodermote Pultz  
Wagon Wheel Farm

# BEGINNERS COLUMN

KENT & JOYCE STORK  
2501 East 23rd Avenue  
Fremont, Nebraska 68025



## Secrets to Blooming Success

There are many reasons why African violets are so dear to our hearts, but the fact that they bloom tops the list. Very few other plants in the world can live in our homes and bloom almost all the time — with minimum care.

Sometimes, however, even violets can pout and not bloom as well as we might like. There are a few "secret" methods that anyone can use to encourage better blooming.

### SECRET #1 - LIGHT

It's not much of a secret that an African violet will bloom better in good light. Light is one of the primary ingredients plants need to produce the energy necessary for the production of blossoms. In our experience, the most common reason why violets are not blooming is because they have not been placed in adequate light.

Violets that do not receive enough light will often communicate their problem by reaching their leaves upward or growing toward the light source. Often the petioles (the leaf stem) will elongate and the new leaves will grow to a smaller adult size.

When violets are to be grown at a window, they need to be within 12 to 18 inches from the

glass. If they are farther away, in most situations, the light is too diffused. It also helps to place the plant at a large window. Tiny windows or heavily draped windows do not allow much light to enter.

Windows that face the morning or midday sun are often the most desirable here in Nebraska because the plants are not receiving direct sunlight during the hottest part of the day. Be aware that violets love bright light but dislike extreme heat. The best window will be one which properly balances these factors.

If there is no window which can produce enough light, then the grower may wish to consider purchasing a fluorescent light unit. These can be very inexpensive "shop lights" or beautiful and more costly light stands. But any fluorescent light (we use mostly cool white tubes, occasionally in combination with Gro-lux wide spectrum) will produce a light spectrum that will significantly increase the amount of bloom.

As a general rule, the light should be on 10 to 12 hours a day and be 10 to 12 inches from the violet plant with adjustments made according to the plant's reaction. If there is too

little light, the plant will stretch up toward the light; if there is too much, the plant foliage will show signs of bleaching (loss of green color) or the plants may grow with tight centers.

### SECRET #2 - WATER

Another secret to getting a plant to bloom and to stay in bloom is to find a system of watering which allows the soil around the roots to stay evenly moist but not drenched. When tiny buds begin to set on the plant, they are extremely fragile, and if the plant should be allowed to become thoroughly dry at that point, the buds will wither and dry off. Furthermore, when a plant is in bloom it is transpiring more moisture into the air than usual, so the plant is liable to dry out more quickly when it is blooming, and the blossoms are likely to be the first part of the plant to suffer.

There are many systems for constant watering that work well — wicking, capillary matting, "Texas" potting, and specially designed pots with water reservoirs. Violets can also be hand watered when the soil begins to feel somewhat dry to the touch, but this requires a wary eye, since not all the plants will use water at the same rate. We

strongly recommend a constant-water method.

Be careful not to keep plants too wet, since the only way crown rot can get to your plant is if there is a waterway for the spores to swim in. Constantly moist does not mean soaking wet.

#### **SECRET #3 - HUMIDITY**

Along with even moisture around the soil ball, violets will bloom better if there is also sufficient moisture in the air. Again, the tiny buds will dry off very easily when humidity is scarce, and open blossoms will fade more quickly if the air is dry. Drafts of dry air seem to be especially hard on blossoms and buds.

Growers in the Arizona desert find that it is impossible to bring violets into bloom without a constant water method that also allows water to evaporate into the air around the plant. And, don't forget that desert-like interior conditions often prevail while we are heating our homes during the cold winter months. Wicking or capillary matting are both systems which will increase the amount of humidity around the plant as they also provide water to the roots.

If you live in an area where humidity is constantly high, you will probably prefer a watering system that does not add to the humidity. If the violets aren't blooming in high humidity, there is probably some other problem.

#### **SECRET #4 - FERTILIZER**

Starving violets cannot afford to waste energy on blossoming. Because violets grow indoors at near-constant year-round temperatures and often (when under

fluorescent lights) at constant light levels, they also have a constant hunger for nutrients. The plant functions will only perform at peak levels when the plant is nourished. Therefore, violets need to be fertilized regularly.

There are many excellent violet fertilizers available, but our favorites are the ones which give directions for use with every watering. Very few people are good at remembering when they last fertilized if they only do it monthly! These fertilizers are commonly mixed at a rate of 1/4 teaspoon per gallon of water and used with every watering. These can be used in constant water systems also, but if the system allows for evaporation, mix the fertilizer at a weaker strength (perhaps 1/8 tsp. per gallon) to avoid concentration.

Many growers prefer violet fertilizers that have a high phosphorous level, the middle of the three numbers on a fertilizer package. The phosphorous is said to strengthen roots and thus lead to greater bloom. Healthy roots are critical to blooming!

Some growers like to rotate different brands of fertilizers. We have found one that suits our water very well and use it constantly. (It is no secret formula and we'll tell you which brand it is if you ask, but we don't want to advertise for any product in this column.) If your violets bloom well with a specific formula, we suggest you don't mess with success!

#### **SECRET #5 - SOIL TEXTURE**

Healthy violet roots can only grow in potting mixtures that do not inhibit development.

Violet soils should produce an environment for the roots that is approximately 1/3 water, 1/3 solids, and 1/3 air. This requires choosing and mixing a soil that will not absorb too much water and will permit a lot of air to surround the roots at all times.

Dr. Charles Cole, in one of his speeches to a nearby violet group, pointed out that when a violet is removed from its pot, the roots are often found all around the outside of the soil ball with little or no root development in the center of the soil. It is his belief that the roots were developing where there was air, in the narrow space between the soil and the pot.

Adding water and solids to the mix is easy, but how do you add air? The secret is to use light but chunky materials like perlite or vermiculite, which cannot pack together tightly, in combination with high quality peat moss (brown in color). Every successful grower has a favorite recipe which suits their growing conditions, so it may take some experimenting. Try to mix a soil that will not become packed down as time goes on. A good soil should be so loose that a grower can push a finger through the soil all the way to the bottom of the pot, months after the plant is potted there.

#### **SECRET #6 - TEMPERATURE, pH and POT SIZE**

This sounds like three secrets, but they all relate to healthy roots. Temperature extremes, pH levels that are away from the recommended standard of around 6.8, and over-sized pots can cause roots to deteriorate.

Violet roots prefer to remain

within a temperature range of about 65 to 75 degrees Fahrenheit. Colder nighttime temperatures can cause roots to die back. Higher temperatures will affect leaf growth and often cause blossoms to deteriorate, too.

Fertilizers will not help if the soil pH is unbalanced, because the plant can only access or use nutrients within a narrow range of pH. If you have been fertilizing, but the plants appear sickly, check the pH.

Over-sized pots can cause real problems for roots, because the violet root ball will only grow to about 1/3 the span of the leaves. If the plant has reached its maximum adult size, the roots cannot fill a pot that is larger than the ratio of 1/3 of the leaf span. For example, a mature plant with a 12 inch leaf span will have a root system that is about 4 inches across. If it is placed in a 6-inch pot, there will be an inch of soil all around the root ball that has no roots in it. It is very easy to keep this "empty" soil too wet, which leads to other problems. The exception is the large show-size varieties, which when given bigger pots, grow to very large mature diameters.

#### **SECRET #7 - NO BUGS, NO FUNGUS**

There are several insects and fungi which can keep plants from blooming, or cause blossoms to fade too quickly.

Thrips live primarily on the blossom, inside the yellow pollen sacs. They are small, but definitely visible, especially when they move across the blossom after being disturbed by a probing finger or a puff of

air.

Soil mealy bugs sap the strength of the entire plant as they feed on roots. These pests, because they live in the soil, can be tricky to spot. Of course, plants under such attack will not burst forth with bouquets of flowers!

Cyclamen mite are impossible to see with the naked eye, but experienced growers quickly recognize their presence when blossoms become small and distorted and center foliage becomes hard and tight.

Powdery mildew is probably the most common fungus to affect African violets. It looks like flour on the surface of the blossoms and leaves. Mildew is most commonly found growing when air is not moving and is humid.

A less common fungus is blossom blight which actually appears inside the blossoms and almost seems to strip away the color of the blossoms.

All of these require immediate attention, not just to promote blossoms, but to protect the health and very life of an entire African violet collection.

#### **SECRET #8 - THE GENETICS**

Some violets don't bloom because it isn't in their genes. Some violets bloom wildly in the worst of situations. The genetic make-up of a violet hybrid has a lot to do with its ability to bloom and the way in which it blooms. Some bloom occasionally; some keep a few blossoms up most of the time; some burst into heavy bloom on regular intervals. Some almost never bloom at all. If everything else is correct, culturally speaking, and your violet refuses to bloom, it may

be genetically at fault. We would throw it away.

Choose new plants carefully and ask questions about plants' ability to bloom. Most violet growers are very willing to suggest plants that bloom especially well. We all love those plants the best.

#### **HAPPY VIOLETS DON'T KEEP SECRETS**

Happy violets will bloom. If conditions around your plants are properly maintained, your violets can be happily blooming most of the time. They brag to anyone who sees them that they are owned by a really good violet grower!

#### **Let's get it right!**

In the May/June 1992 issue of the *African Violet* magazine on page 24, in the article, "Read Label Before Feeding" by Irene Fredette, the third sentence in the fourth paragraph should read, "Dry powders contain talc, others are in aqueous solutions, and still others are in solutions of kelp which *does* have nutritional value."

## **Attention: Advertisers**

The new Advertising Manager for the *African Violet* magazine is:

Diane Richardson  
9207 Ravenwood Road  
Baltimore, MD 21237  
(410) 686-4667 (evenings)

# In Memory



**HUGH EYERDOM** — (1903-1992) AVSA Bronze Medal Winner (1966) and patriarch of the Eyerdom family dynasty (Granger Gardens) died recently in Medina, Ohio.

Among his well-known hybrids are *Sir Lancelot*, *White Madonna*, *Desert Dawn*, *Valencia*, *Mauna Loa*, *Fashionaire*, *Delft Imperial*, *Firebird* and *Granger's Wonderland*. Many are still on the Best Variety (Honor Roll) List of AVSA.

A true pioneer in the hybridizing of African violets, Hugh and his wife Grace, who survives, joined AVSA in 1950.

A son, Dale Eyerdom, died in 1983. Hugh is also survived by his grandson, Jim, present general manager of Granger Gardens.

The world of African violets will sorely miss Hugh Eyerdom. Heartfelt condolences to the Eyerdom family.

Sources:

*Viola Tucker*  
*David Buttram*

**IRENE TRASKERS** — We are deeply saddened to say "good-bye" to a very dear friend, Irene Traskers, who died December 27, 1991.

Irene was instrumental in the organizing of the Nutmeg State African Violet Society, and has served as Honorary Chair since it was organized in 1960.

She was a Master Judge of AVSA and a member of the Central Connecticut AVS, Bay State AVS, Bay State Judges Council and the Connecticut Chapter of the American Gloxinian and Gesneriad Society.

As we say "good-bye" to Irene, we extend our sympathy to her husband, Stanley Traskers of Haddam, CT, who survives.

*With fond memories,*  
Julie Adams

**SILVA MATHER** — It is with great sadness that I write to AVM to tell you of the passing of my dear friend, Silva Mather of Nairobi, Kenya on April 15, 1992.

Silva was a most knowledgeable African violet grower, and had collected the species from all corners of East Africa.

She often won top honors for her displays of African violets at the Royal Horticultural shows in Kenya. Silva was instrumental in getting the latest two discoveries of the species to me in South Africa, which you in the United States now have.

Her passing leaves a great

hollow and she will be sorely missed by all.

Joan Halford  
RSA

The Central Florida African Violet Society lost two of their members on March 6, 1992.

**JESSIE STREETER** (1903 - 1992) joined the Central Florida AVS soon after it was organized. She gave much time and effort in getting our society established. She was treasurer for many years.

Jessie was a life member of AVSA and a member of the Dixie AVS for many years. She was a faithful member, loved by all who knew her, and will be greatly missed.

**FRANCES S. CHRISMAN** — was a member of Central Florida AVS for many years. She was a past president and very active in the club's projects. Frances gave much of her time giving programs on African violets to garden clubs and was always willing to help new members with their problems. She was loved by all and will be missed.

Suzy Johnson  
Founder  
Central Florida AVS

## Remember the Boyce Edens Research Fund

Send contributions to:  
Marlene Buck  
P. O. Box 38  
Oreland, PA 19075

# Potting Mixture and the Growth of African Violets

PHILIP A. TINARI  
12 years old

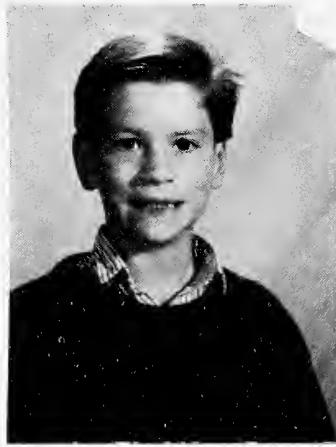
The potting mixture of an African violet has four primary functions. The first, which is obvious, is that the potting mixture is the material that the roots can anchor the plant to, supporting its upright growth. Second, the mixture acts as a reservoir, holding the amount of water needed for the violet's growth between waterings. Third, the mixture holds the nutrients needed by the plant until they are removed from the root zone by the roots. Finally, oxygen, which is vital to the plants survival is stored in the pore spaces of the mixture.

When choosing a potting mixture, it is important to consider each ingredient's influence on the mixture's water holding capacity.

African violets prefer a well aerated mixture that drains easily. The ideal mixture consists of 30% air, 15% water, and 50% organic materials. The potting mixture should also be aerated or porous.

Soil is generally not a very good ingredient for potting mixtures. Soil is made up of three main components—sand, silt and clay.

Good soil is made up of 50% water and air, 5% organic matter, and 45% sand, silt and clay. However, most of its beneficial features are lost when it is



compacted to a small pot or container.

Growers try to avoid a mixture containing soil for four main reasons.

First, the silt and clay make it hard for the roots to develop normally.

Second, soil has very poor drainage.

Third, it stays wet too long. Finally, there are many disease organisms and insects in soil.

Sand is probably the worst ingredient for a potting mixture.

Sand is heavy, adding much unnecessary weight to the mixture. Since it is heavy, it usually settles toward the bottom of the mixture. Sand has very low nutrient and water holding ability and very poor aeration quality.

In fact, when sand is added to a mixture, it tends to reduce

the mixture's aeration quality.

Three of the best and most common ingredients for a potting mixture are sphagnum peat moss, perlite and vermiculite. Peat moss is coarse, allowing a well-aerated mixture in which roots can spread easily.

Peat moss increases the water and nutrient holding ability of every mixture and has excellent aeration quality.

Vermiculite generally resists compaction. It also has high nutrient holding ability, moderate water holding capacity, and poor to good aeration quality.

Perlite is very resistant to compaction which is what makes it so popular as a potting mixture ingredient. Perlite has low water and nutrient holding ability with excellent aeration quality.

For outstanding growth, the pH of the mixture should be slightly acidic between 6.8 and 6.4.

However, 6.4 to 7.4 is more realistic. The pH of vermiculite is very close to 7.0. The normal pH of sphagnum peat moss is between 3.5 and 5.0 which is a strong to very strong acid on the pH scale.

Finally, perlite has a pH of 7.0.

In conclusion, the ideal potting mixture would have a pH of 6.8 - 6.9 and would have a very

high water and nutrient holding capacity with excellent aeration quality.

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*(Editor's Note — It's not often we would feature an article written by a 12-year old; however, with the name Tinari associated with it and the fact that it's a very good article, I figured I couldn't miss. Good job, Philip, and I hope to receive more articles from you in the future!)*

Route 19 & McKnight), both days, 1 - 5 p.m. Free admission, public welcome. For more information: Linda Mangold, 412-487-4018.

### OCTOBER 10 & 11 ILLINOIS

— Glenview/North Shore AVS display/sale, Botanic Gardens, Lake-Cook Road just east of Edens Expwy.

### OCTOBER 17 & 18 TEXAS —

The First AVS of Austin display/sale, Austin Area Garden Center, Zilker Botanical Garden, Austin. Both days, 10 a.m. - 5 p.m. Free admission. For more information: Mary Beale, show chair, 512-453-2732.

### JUDGING SCHOOL

#### SEPTEMBER 18-19

#### TORONTO — The AVSA

Judges Council of Ontario will be sponsoring a judging school, 466 Falgarwood Dr., Oakville, Ontario. Betty Tapping will be the teacher. For more information: Doris Brownlie, 416-270-6776.

## COMING EVENTS

**AUGUST 21 & 22 ILLINOIS** — African Violet Fanciers, Inc. sale/display, St. Charles Mall, Randall & Rt. 38, K-Mart Entrance, St. Charles. Florise M. Hogan, president, 815-397-2000.

**AUGUST 27 & 28 MINNESOTA** — AVS of Minnesota's 21st annual State Fair show, "Violets on Vacation," Minnesota State Fairgrounds, Snelling & Como avenues, St. Paul. Both days, 9 a.m. - 9 p.m. Kathy Johnson, show chair; Merrie Eselgroth, cochair.

**SEPTEMBER 4 & 5 ILLINOIS** — African Violet Fanciers, Inc. sale/display, Freeport Lincoln Mall, US Rt. 20, West Freeport. Florise M. Hogan, president, 815-397-2000.

**SEPTEMBER 25 & 26 LOUISIANA** — Top Choice AVS sale/questions and answers; Pierre Bossian Mall, 2950 Texas E., Bossier City (close to I20). Both days, 9 a.m. - 6 p.m. For more information: Elizabeth Wilson, 318-868-3215.

**SEPTEMBER 26 & 27 NEBRASKA** — The Omaha AVS exhibit/sale, Crossroads Shopping Center, 72nd and Dodge, Omaha. Sept. 26, 10 a.m. - 9 p.m.; Sept. 27, noon - 5 p.m. For information: Mary Krebs, 402-331-5498.

**OCTOBER 2 & 3 TEXAS** — The First AVS of San Antonio show/sale, North Star Mall, 10 a.m. - 6 p.m., both days. Free admission.

**OCTOBER 3 & 4 PENNSYLVANIA** — The Pittsburgh Violet Society show/sale, "Violets - A Harvest of Dreams," Northland Public Library, 300 Cumberland Road (North Hills - between

## Attention Affiliates

New Affiliate Chair:

**Bob Green**

997 Botany Lane  
Rockledge, FL 32955

Write to Mr. Green for information on shows, awards, how to organize a chapter or membership questions.

**Support AVSA  
Commercial Members**

# Creating ... with Fredette



IRENE FREDETTE  
1545 Whitney Avenue  
Hamden, CT 06517

This is a banner year, indeed! How marvelous that 100 years after the discovery of the African violet, there is a new star spreading its golden beams throughout the violet world.

As we celebrate the Fourth of July, send up more rockets and light up more sparklers in honor of the long-awaited mutation which Mother Nature finally created and placed in the nurturing hands of Nolan Blansit. A yellow violet is "such stuff as dreams are made on." We can all rejoice and wish Nolan boundless success.

**Q: Have sports or mutations been important in the breeding of African violets and, if so, what is the best way of getting a sport?**

**A:** Mutations have played a very important role. An early one was a mutation to red which occurred in 1898. The first double flower was a sport of 'Blue Boy.' Other mutations were whites, pinks, fringed blossoms, "girl" leaves, Geneva edges, "Tommie Lou" foliage, and double pinks which appeared simultaneously in several places. The early plants brought from Africa were blues with single flowers but modern cultivars bear eloquent and convincing testi-

mony to the importance of mutations. The plant breeder's work is also important even though he can only recombine characteristics and cannot produce new ones. However, a valuable mutation provides the breeder with a base for new and different crosses. Since sports cannot be created on demand or according to specifications, the easiest way of acquiring them is to visit commercial growers and keep your eyes wide open for mutants which offer something different. Even small growers may, from time to time, spot a sport if they pay close attention.

**Q: What is "back-crossing" and why is it practiced?**

**A:** Let us assume you are working with a plant which has a few good characteristics and many bad ones. If you cross it with a plant which has many good characteristics, you may wish to use the backcross method which consists of crossing the F1 hybrid with either parent. By repeatedly crossing back to the better parent, the desirable genes can be accumulated more rapidly. If the desirable genes of the poor parent are recessive,

they will not appear in the hybrid. Therefore, one may have to use self-pollination as well as backcrossing in each generation in order to discover which plant possesses the desired gene. The breeder can select, in each generation, for backcrossing to the better parent those plants showing the best genes of both parents.

**Q: How many seed pods at a time should be allowed on one plant?**

**A:** As many as you wish, if the plant is healthy and well-established. The quantity would be determined largely by the quality of the pollen and by how receptive the stigma on each blossom chosen. It is a good idea to keep the plant just a little on the dry side while it is forming seed. Also remember that when the pod is ripe, it should not be left too long on the plant because it might open and you could lose the seed.

**Q: What constitutes a patentable plant and how much protection does a plant patent provide?**

**A:** Essentially, what can be patented is any distinct and new variety of plant, including cultivated sports, mutants, hybrids, and newly found seedlings. The plant must be one that has been asexually reproduced and can be propagated commercially. A plant found growing wild in nature is not considered patentable. A plant patent is a grant by the U.S. Government for a period of 17 years throughout the United States and

its territories. It offers no protection in other countries. The granting of a patent on a new plant does not imply any endorsement of high quality or merit. The protection offered the plant breeder is somewhat less than that accorded an inventor since the difficulties of curbing unauthorized propagation are virtually insurmountable. Furthermore, expensive vigilance, even if possible, could not extend beyond the U.S. borders and growers in other countries are not restricted by U.S. patents. For further information, you may write to The Commissioner of Patents and Trademarks, Washington, D.C. 20231.

**Q:** I have read several articles which stated that the African violet has no yellow gene. Apparently the experts were wrong since there is a new yellow violet. Can you explain?

**A:** Mutations can be wondrous things! I have it on reliable authority that the color breakthrough is not because of the presence of a heretofore undiscovered gene but because of the loss or absence of an enzyme. Such a loss is typically a mutation inherited as a recessive trait. The usual blue and pink-producing anthocyanins belong to a large group of plant compounds collectively called flavonoids. Flavonols are a group of fla-

vonoids which create yellow color. Normally, in the African violet it is enzyme activity which converts flavonols into anthocyanins. When an enzyme is absent, such conversion cannot take place and the failure to convert to anthocyanins results in the yellow pigment.

**Q:** Can you tell me something about the origin of variegated foliage?

**A:** Again we must look at mutations. There are now three classifications of variegated foliage: CROWN VARIEGATION, MOSAIC VARIEGATION, and TOMMIE LOU VARIEGATION. Two early examples of crown variegation were cultivars named



Word has been received (as well as postcards) from several AVSA members from the Republic of South Africa of the beautiful commemoration postcard (in full color) honoring the 100th anniversary of the discovery of the African violet.

Anyone wanting more information should write: Charl Duncan, Cape African Violet Society, 14 Marion Ave., Southfield 7800, Cape Town, South Africa.

'Wintergreen' and 'Frosty.' One or the other of these was used to create others with crown variegation. The name "Champion variegation" was sometimes applied to the descendants of these early mutations since Mrs. Champion did a great deal of work with crown variegation. 'Lilian Jarrett' was also a mutation, of the mosaic type, discovered and popularized by Frank and Anne Tinari. Tommie Lou Oden discovered still another when her plant of 'White Pride' sported and became 'Tommie Lou.' So much has been done with this type of variegation that many of Tommie Lou's descendants no longer bear any resemblance to the original. I worked with it in order to introduce the first permanent pink and russet tones into the foliage and met my initial success with several seedlings which then gave rise to 'Winter Grape' which went on to become the ancestor of numerous other variegates with pink in the foliage. Over the years, the patterns began to vary considerably from the original white feathering of Tommie Lou so that the Tommie Lou designation no longer accurately describes all of its modern descendants. However, crown and mosaic variegation are still quite accurate because little change has occurred in these types.

Q: *Can variegation be chemically induced?*

A: Not to the best of my knowledge. The basis for variega-

tion is genetic, no chemical. Occasionally, a disease may cause some form of chlorosis or spotting but this is not true variegation. In African violets, a variegated variety has nothing to do with disease since the trait is genetic and heritable, as long as the variegated variety is used for the seed-bearing plant. Occasionally, one still hears the comment that a variegated plant is a diseased plant. This is an old wife's tale and is simply not true.

Q: *How complicated is gene manipulation and can anyone do it if equipped with good instructions?*

A: Recombinant DNA technology is highly complicated and such research and work is carried on in laboratories throughout the world by molecular biologists, physiologists, biochemists, and other highly skilled technicians. Were the skills and facilities within the reach of African violet growers, we would have had hundreds of wondrous and strange cultivars by now. Though recent years have seen a rapid development in genetic manipulation and research, the African violet has not been on the priority list and for a very good reason. As the techniques of gene transfer have developed, attention has been focused on their potential application primarily to pharmaceuticals and crop improvement with the aim of engineering specific useful agronomic traits.

Q: *How can I create mutations in*

*my African violets?*

A: Since mutations occur spontaneously, you cannot get them on demand. They can also be induced by chemicals and gamma ray irradiation but this is a highly professional job and it is unlikely that such artificially created mutations would be of merit. The easiest way to acquire mutants is to keep your eyes open for sports.

Q: *I have heard that if I insert and root an African violet leaf in a yellow rose-hip, some of the babies might have yellow blossoms. What do you think?*

A: I think your chances would be as good if you used yellow mustard or lemon gelatin.



Louisiana Council of African Violet Judges and Growers Best Design winner, Alice Ramirez with the theme "The Company Store." Theme for the show was "Violets Tour the Twin Cities."

**See You  
In Lancaster, PA  
in 1993**

## Your AVSA Library ...

RALPH BREDEN  
127 Via Los Altos  
Redondo Beach, CA 90277

As evidenced by the report of library activity for 1991, the slide programs continue to play an important role in affiliate program planning. Over 300 slide programs were shipped to U.S. affiliated clubs.

I have received comment sheets submitted by the respective affiliates and have responded, where appropriate, to the affiliate representative writing the comments. The comments reveal a need to review and evaluate those programs identified as having deficiencies. To this end, the programs in question are being reviewed by library committee members. If upgrading is possible, that is being done. If the program is below standard, it is retired.

As I write this column for the July/August issue of the *African Violet Magazine*, I look forward to a great convention in Columbus. It will be my first as chair of the library committee. I feel confident that from the response of photographers and assistants, we will have a great slide program to add to the library. Reserve the program now for your meetings, starting in September 1992.

I am pleased to announce to our Canadian friends of the AVSA library, that they can again rely on Betty Tapping for expeditious handling of requests for selected programs. In addition to the two new programs generated at the Columbus convention, "A Century of Violets" and Sundown Pittman's program, Betty has available, "Future Violets with a Royal

Flair," "A Royal Treat," "New Rays of Hope," "A Grand Reunion," "Orange Blossom Specials," and "The Florida Experience."

Send requests, following the library rules, with payment, to: Betty Tapping, #1512-511, The West Mall, Etobicoke, Ontario, Canada M9C 1G5.

Should our Canadian friends wish any of the other programs, a separate request and separate check made payable to AVSA, must be sent to the AVSA Office, P. O. Box 3609, Beaumont, Texas 77704.

We are grateful to our northern neighbors for their support of our library and especially to Betty Tapping for her dedicated assistance.

## Certificates Awarded

JANE REXILIUS  
Publications Chair

Members of the Board of Directors and the Publications Committee voted for the most outstanding articles published in the *African Violet* magazine during the past year. The winning authors were presented with Certificates of Appreciation and free one-year memberships to be given to non-AVSA members of their choice.

The winning authors and their articles are: Nancy Hayes for "Correctable Errors," Ralph Breden for "Tailoring the Trailer," Janey Redell for "A Novice Look at Design," Mary Ann Switzer for "Successful Propagating from Bloom Stalks," and Marie Burns for "African Violets Under Lights."



Geraldine Holmes, Best AVSA Collection (Gold), 1st, 2nd and 3rd Best in Show for Horticulture, Best Miniature and Best Semiminiature; Betty Cassell, 2nd and 3rd Best in Design and Mildred Patrick, Best AVSA Collection (Purple), Best in Design and Horticulture Sweepstakes — AVS of Fort Walton Beach, FL.

## And the winners are ...

**Marie Burns** of Baltimore, MD was the top winner at the 1992 AVSA Convention/Show in Columbus, OH with Best in Show, *Ocean Eyes*. Marie also won Best AVSA Collection with *Party Print*, *Rain Man* and *Red Lion*; 3rd Best in Show, *Party Print*; and Best Standard, *Ocean Eyes*.

*Pat Champagne* grown and shown by **Judy Wegner** of Saginaw, MI won Second Best in Show and Best Semiminiature, and **Linda Bjorkman** of Broken Arrow, OK won Second Best AVSA Collection with *Mary Craig*, *Bertha* and *Lela Marie* and Best Miniature, *Petite Jewel*. Linda also won for Sweepstakes in Amateur Horticulture with 32 blue ribbons, one red ribbon and six Best in Class.

The Holtkamp Memorial Collection awards went to: 1st, **Palma Trapp** of Circle Pines, MN with *Optimara Little Apatite*, *Optimara Little Diamond* and *Optimara Little Amethyst*; 2nd, **Ken Rein** of St. Paul, MN with *Optimara Louisiana*, *Optimara Rhode Island* and *Optimara Maui*; and 3rd, **Anne Thomas** of Dayton, OH with *Optimara Little Ruby*, *Optimara Rose Quartz* and *Optimara Little Sapphire*. Ann also won for Sweepstakes Runner-Up in Amateur Horticulture with 32 blue ribbons and 33 Best in Class. **Jo Wells** of Tonawanda, NY won the coin for the Best Holtkamp Memorial Collection with *Optimara Little*

*Opal*, *Optimara Rose Quartz* and *Optimara Little Amethyst*.

Winners of the Eyerdom Memorial Collections were: 1st, **Anne Thomas** of Dayton, OH with *Granger's Wonderland*, *Yasuyo Sport* and *Desert Dawn* and 2nd, **Jane McCain** of Heath, OH with *Coral Glo*, *Kathy Gee* and *Raspberry Mist*.

**Velma Lewis** of Fort Worth, TX won Best Trailer, *Foxwood Trail* and **Libby Watkins** of Normal, IL won Best Other Gesneriad, *Nautilocalyx pemphidius*. **Catherine**

**Thompson** of Des Moines, IA won Best Saintpaulia Species with *S. Velutina*, and **Doug Burdick** of Rochester, NY won for Best seedling (amateur) with Seedling 90-01-E.

Top winners in the Design Division were: Best in Design, **Jill Fischer** of Berkeley Heights, NJ; 2nd Best in Design, **Georgene Albrecht** of Oakdale, PA, who also won for Sweepstakes in Design with 86 blue ribbons and **Cathy Black** of North Canton, OH won for Sweepstakes Runner-Up.

## Horikoshi, Warren Win Awards

### Columbus Convention 1992

**Kazuo Horikoshi** of Tokyo, Japan was presented the Honorary One-Year Membership Award at the 1992 Columbus, OH Convention in recognition for his service to AVSA.

Kazuo has been a member of AVSA for 10 years and is a Life Member. He has grown African violets for 15 years and is a member of the Japan International Saintpaulia Society and has served as Secretary of this organization.

Kazuo has produced several editions of a book featuring full color photographs of African violets complete with descriptions in both Japanese and English, and actively promotes AVSA and the growing of African violets in his home country of Japan.

**Ruth Warren** of Fall River, MA was also presented the Honorary One-Year Member-

ship Award. Ruth has been a member of AVSA for 22 years and is a Life Member and Senior Judge.

For the past three years, Ruth has served as Chair of the AVSA Booster Fund. During this time, she has been successful in transforming this special fund into a significant means of financial support for AVSA. Under Ruth's leadership, approximately \$16,000 has been raised during the last two years to pay for the new computer for the AVSA Office.

In addition, Ruth has served AVSA as a Director, and was Convention Chair for the 1990 Boston convention.

She is a member and past president of the Bay State AVS, a member of the Judges Council of Massachusetts and is a member and past officer of the Moby Dick AVS.

# Commercial Division

## 1992 Columbus Convention

RUTH GOEKE  
Brenham, Texas

Kent and Joyce Stork of Kent's Flowers, Fremont, Nebraska, won top honors with the Best Display Table with their usual outstanding display of 15 standard varieties. Second and Third Best New Introductions, both hybridized by the late Bill Johnson, were also from their table. 'Ode to Beauty,' a bright dark coral with red edged blossoms and dark green foliage, was the Second Best New Introduction. 'Desiree Dawn,' a lovely pink bi-color, was chosen as Third Best New Introduction. 'Flash Fire,' was awarded the Blue Rosette for Best Plant from Commercial Display Tables. Several other new varieties you won't want to miss are 'Candy Swirls,' 'Paradise Halo,' and 'Ghost Dance.'

Ralph Robinson of Rob's Mini-lets of Tonawanda, New York, had a beautiful display of miniatures and semiminiatures and won Second Best Display Table. Ralph displayed a number of his new varieties. One to make special note of is 'Dandy Lion,' an unusual cream colored bell with dark foliage. Other new ones include 'Rob's Cookie Monster,' a delightful fantasy, 'Rob's Smoke Rings,' and 'Rob's Match Point.' You could hardly see the foliage for all the blossoms!

Sidney Sorano of Lyndon Lyon Greenhouses, Dolgeville, New York, had a gorgeous display of 15 large standard varieties and placed Third Best Display Table.

A stunning new variety, 'Super Dooper,' was immediately on everyone's "must have" list! The double soft pink blossoms were huge — three inches across, and exquisite over dark foliage. Another favorite, 'Victorian Velvet,' had large deep magenta stars with pink banded frilly edge. Other new hybrids displayed included 'Country Moonlight,' 'Big Shot,' and 'Frosted Midnight.'

Honorable Mention, Fourth Best Display Table, was awarded to Hortense Pittman of Hortense's African Violets from San Antonio, Texas. Hortense had a lovely display of miniatures and semiminiatures. Her new semiminiature, 'Vagabond' drew rave reviews. It is a lovely pink two-tone semidouble over excellent Tommie Lou variegated foliage. There's no doubt we will be seeing this variety in future shows! Other new "sure to become favorites" are 'Sassy Shirley,' 'Little Sunset,' and 'Lavender Bliss.'

Jean Ness of Midland Violets from White Bear Lake, Minnesota, had an attractive display table made up of standard, semiminiature, and miniature varieties. Best New Introduction honors went to 'Ness' Firefly,' a delightful semiminiature with dark foliage which was almost hidden by rosy fuchsia slightly cupped blossoms edged in a wide band of white. 'Ness' Elfin Magic,' was also the focus of attention with its eye-catch-

ing lovely red and white bell blossoms. Other new Ness hybrids you will want to add to your collection are 'Ness' Dynamite' and 'Ness' Angel Face.'

It was good to have Jim Eyerdom of Granger Gardens of Medina, Ohio, have a display table again after a number of years. He displayed 15 of his lovely standard hybrids, and 13 of these were new varieties. Grangers are well known for the large striking blossoms of their hybrids and these were no exception! One of the favorites from this table was 'Fantasy Lace,' pretty lavender fantasy doubles with ruffled green edge. Others you will want to watch for are 'Angel Frost,' 'Royal Spice,' and 'Pink Picturesque.'

Barbara Allegro, Allegro African Violets, also from White Bear Lake, Minnesota, was welcomed as a first time exhibitor for a display table. Her table had a lovely selection of standard and semiminiature varieties from a number of different hybridizers and she did an excellent job! Her grouping of three of 'Rob's Silver Spook's was especially superb. Also shown were exceptional plants of 'Magnolia,' 'Apache Ridge,' 'Mickey Mouse,' and 'White Ruffles.' We look forward to seeing more of Barbara's display tables at future conventions.

The Best AVSA Collection (Commercial) award went to Jamie Christensen, Bay Valley Violets, Midland, Michigan who showed 'Mini Papa,' 'Lil Lady,' and 'Precious Pink,' and Meredith Hall of Houston, Texas, won the 2nd Best AVSA Collection (Commercial) with 'Irish Flirt,' 'Lovely Linda,' and 'Sugar

Doll.'

Winning for Best in Commercial Specimen plants was Jo Wells, Tonawanda, New York, with 'Snuggles,' and John Brownlie of Toronto, Canada, won for the Best New Cultivar from Specimen Plants with 'Aca's Vasco.'

Also in the Commercial Division, Jo Wells won for Best Holtkamp Memorial Collection with 'Optimara Little Amethyst,' 'Optimara Rose Quartz,' and 'Optimara Little Opal.' Anne Tinari of Huntingdon Valley, Pennsylvania, won for 2nd Best Holtkamp Memorial Collection with 'Optimara Little Moonstone,' 'Optimara Little Pearl,' and 'Optimara Little Amethyst,' and John Brownlie won for 3rd Best Holtkamp Memorial Collection with 'Optimara New Mexico,' 'Optimara Rhode Island,' and 'Rhapsodie Susi.'

#### Columbus 1992

#### **Nell-Sue Tyson Receives Continuing Service Award**

Nell-Sue Tyson of Denver, Colorado, was presented the Continuing Service Award at the 1992 Columbus AVSA Convention. Nell-Sue is a Life Member and Senior Judge of AVSA. She served as Chair of the AVSA Building Fund Committee from 1987 to 1991. During this time, approximately \$70,000 was raised toward the purchase of the AVSA Office.

On the local level, Nell-Sue is a member of the High Country Judges Workshop and the Rocky Mountain African Violet Council.

## **AVSA Publications Awards**

Publications Awards at the 1992 Columbus Convention are as follows:

The First Austin (TX) AVS won Best Affiliate Yearbook with Frances Young, editor and Mary Beall, president.

Baton Rouge (LA) AVS took second place with Ruth Jones, editor and Nancy David, president.

Third place went to Sho-Me AVC of Kansas City, MO, with Sylvia Prince, editor and Kitty Julian, president.

Fourth Best Affiliate Yearbook was won by the AVS of Greater Tulsa (OK), with Marilyn An-

dress, editor and Rita Linkswiler, president.

The Best Affiliate Newsletter Awards went to: 1st, Ventura (CA) County AVS with Jean Shipley, editor and Floyd Lawson, president, and 2nd, AVS of Northern Illinois, Anita Fiori, editor and Barbara Goodsell, president.

Magazine awards went to: 1st, Dixie AVS, Mary Lou Harden, editor and J. R. Pittman, president, and 2nd, The California Council News, Harriett Woolley, editor, Marcia Shaver, president Southern CA, and Cathy Cornibe, president Northern CA.

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#### **Paula Foster Wins Hudson Memorial Award For Affiliate Leadership**

In recognition for outstanding service to her local affiliates, Paula Foster of Mesquite, Texas, was given the Hudson Memorial Award for Affiliate Leadership at the Columbus 1992 AVSA Convention.

Paula is a member of the First Nighter African Violet Society, the First African Violet Society of Dallas and the Alpha African Violet Society of Dallas, which she and her husband Bill, organized in 1978.

On the council level, Paula is a charter member of the North Texas African Violet Judges Council and serves as a director on the Executive Committee of

the Lone Star African Violet Council. She is a Life Member and Senior Judge of AVSA.

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#### **Nell-Sue Tyson Wins Tinari Membership Award Again!**

The Tinari Greenhouses Membership Award was presented again to Nell-Sue Tyson of Denver, Colorado. Nell-Sue obtained the most new AVSA memberships (25) during the year 1991.

# HURRY! SEND YOUR AWARDS NOW FOR THE LANCASTER CONVENTION SHOW

Make your plans now to participate in the 1993 AVSA Convention by donating an award for the convention/show. Awards are needed for all factions of the show — horticulture and design, amateur and commercial. Why not join other members and affiliates in recognizing the outstanding accomplishments of the many exhibitors at the AVSA Lancaster Convention/Show.

All awards should be sent to:  
Esther Edwards Wells  
AVSA Awards Chair  
948 Fair Oaks Court  
Liberty, MO 64068  
(home 816-781-2160)  
(work 816-781-1821)

The deadline for submitting awards is September 15, 1992, in order for the awards to be listed in the January issue of the *African Violet* magazine with all of the other details about the Lancaster convention. Awards will still be accepted until January 1, 1993. Please make every effort to send your awards early.

Cash awards must be paid in U.S. funds by check or money order **payable to AVSA Convention.**

Appropriate items other than cash will be accepted. However, please do not send gift certificates.

When sending an award, please include the following information:

Donor or Name of Award  
Address of Contact Person  
Amount of award or other appropriate item

Request for specific class or section, if available (amateur

horticulture, commercial horticulture, design, etc.)

Cash awards which cannot be given because there are no qualified entries (i.e., no entry for specific variety awards) are given to AVSA.

Undesignated awards assigned to a class which subsequently has no entries are reas-

signed as needed.

Awards which would complicate judging (i.e., best plant of a specific hybridizer) will not be accepted.

All awards must be sent to the Awards Chair.

Don't miss your chance to be a part of the 1993 Convention/Show.

## Attention: Affiliates Nominations Requested For Hudson Award For Affiliate Leadership

Each year the Mabel and Glenn Hudson Memorial Award is given to individuals for outstanding leadership activities within an affiliated chapter. Recipients are presented with a citation and a very nice award at the closing banquet of the annual convention.

Affiliated groups are encouraged to suggest names of potential candidates for this award. To do so, secretaries of affiliates should send the name of the individual, along with a list of leadership activities and accomplishments, to:

Esther Edwards Wells  
AVSA Awards  
Committee Chair  
948 Fair Oaks Court  
Liberty, MO 64068.

Complete information should be submitted no later than November 1, 1992, to be considered for the award to be presented at the 1993 convention

in Lancaster, PA. In order for the Awards Committee to give your recommendations full consideration, please share as much information as possible, including details.



**Pomona Valley AVS (CA) charter member, Lois Mueller, is shown helping with their annual show. Besides growing violets and doing designs, Lois likes to sit at the hospitality table, greeting the public.**

**The theme this year was "40 Years with African Violets."**



# A FAMILY PORTRAIT

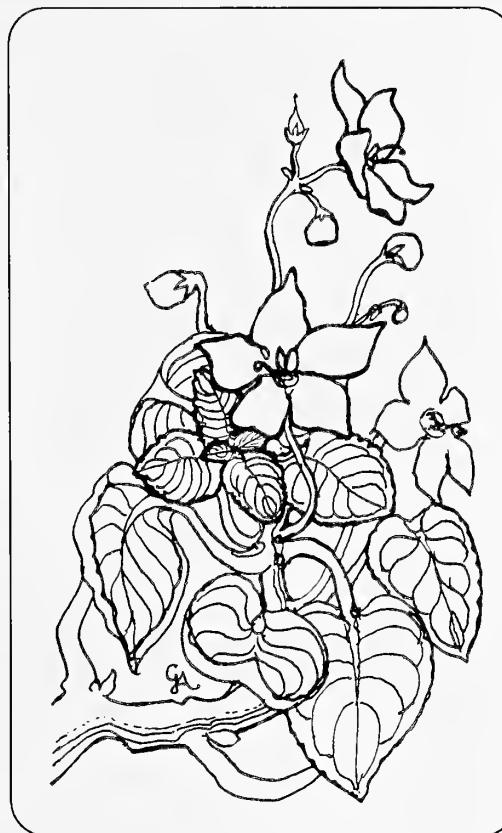
GEORGENE ALBRECHT  
101 Oak Heights Drive  
Oakdale, PA 15071

## *Saintpaulia 'Violet Trail'*

About one-third of the *Saintpaulia* species have branching traits. In the 1950s, Tinari's used *S. grotei* to produce standard trailers. Notice that this species is illustrated on the cover of our Master Variety List #5. During the 1960s, Lyon developed our featured plant, 'Violet Trail.' He and Peterson crossed *S. magungensis minima* with a standard plant to produce smaller hybrids with trailing growth.

Coverage of this subject was suggested by Terry Berger, First Vice President of The Pittsburgh Violet Society. We are now organizing our first show to be held October 3 and 4 at the Northland Public Library. Grooming trailers seems to be one of the major hurdles, mostly because the trailing habit can be pendulous, spreading, semi-trailing or anything in between. Trailers are judged according to variety, form and growth habit. Some need very little training because their growth habit is tight and even. Judges know their habits. The forms are just the opposite of a single, flat rosette plant.

The ideal trailer has a single crown with at least three main branches which cover and trail over the edges of the pot. It



should create a sphere of evenly grown leaves and flowers. The size of the plant should be at least three times that of the pot width, however, there is no restriction on the diameter of any specimen. For example, a miniature trailer can be three inches to three feet wide, as long as it originates as one plant. The very tiny micro-miniatures are classified as miniatures. Small trailers like 'Pixie Blue' do great in three-inch tubs because

they grow rapidly. Standard soil mix is great and a timed-release fertilizer such as Osmocote may be a good additive. Use only about one-third the amount on the label. Trailers form so many leaves that they need extra nutrition. Yellowing of lower leaves is a sure sign that the plant does not have enough food. Yellowing in the center of new growth indicates just the opposite, too much food.

Getting all of the leaves the same size is not easy in some varieties. Betty Girvin tells me that she keeps removing older leaves as they become larger. This encourages a round mass if the plant is exposed to equal light on all sides. Small growers do well under fluorescent light but I think the larger trailers need some natural light to form a goodly number of blooms. Remember that variegated foliage need even more intense light in addition to cooler temperatures.

Cultural perfection is based upon the condition of a mature plant. No bare stems are permitted. It may be necessary to cover this by moving foliage or branches. Use a wire hair pin or thin bamboo skewer inserted in the soil to hold the correction.

Do this a little at a time because the risk of breakage is high, especially if the plant is wicked. Blooms should also be spaced evenly over the entire plant. If your trailer looks great but does not bloom, give it more light.

Here's how to get a good start from a single tip cutting or plantlet. Allow it to produce several sets of leaves. Pinch away the center crown growth leaving at least three leaves. From each of these leaf axils a new growth will emerge. Yes, we are forcing it to sucker. Now, when each of these three suckers has about three mature leaves, pinch the growing tip from them. This will give you many branches. Remember, some of the hybrids will not need this many pinchings.

Observe your plant and use common sense. If one branch grows longer than the others, pinch it back, forcing side branches. This could backfire because it may produce too many side growths and you may have to pinch all but a couple of them.

Repot trailers often, but do not increase the pot size more than one-third at a time. As for pests, if aerial mealy bug has invaded a mature trailer, toss the plant. I've never been able to control or eradicate them in such dense foliage.

Most pesticides work by contact, so drenching the entire plant may be the only option. This damages plant tissue, too. About disbudding — it will put on a real show if you disbud, but each trailer seems to have a different schedule of the bloom cycle. Increasing light duration is more productive over a longer time span.

Try some of these varieties:

**Standard Trailers**

Cherokee Trail #5234

Honeysuckle Rose #6522

Ramblin' Lavender #4110

Sky Trail n/r

Violet Trail #2468

**Semiminiature Trailers**

Dancin' Trail #5565

Falling Snow n/r

Honeymoon Trail #7369

Rob's Sticky Wicket #6467

Snowy Trail #3678

**Miniature Trailers**

Pixie Blue #2598

Teeny Bopper #5017

Trail Along n/r

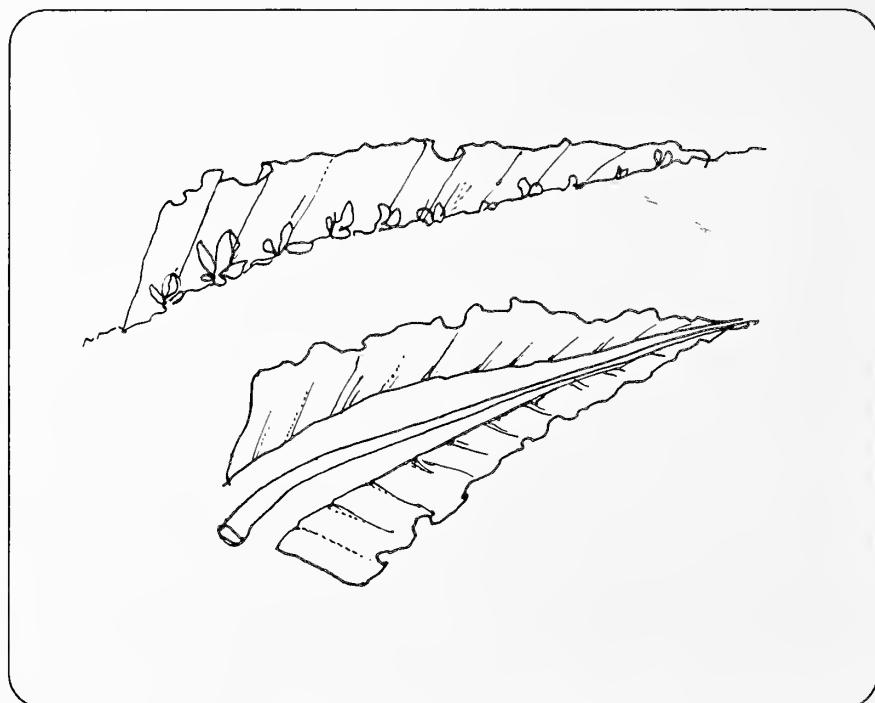
Propagation is relatively easy from tip cuttings and leaves. A leaf will also produce several plants in a clump. Do not try to grow a show plant from this clump because they will become so crowded that they starve each other of light and nutrition.

**More *Streptocarpus***

Jessie Ivy of Texas, tells me she had great success reviving *Streptocarpus* by following Larry Hodgson's advice in his article

for *Horticulture* magazine, December, 1990. Under his sub-heading about propagation, he divides older plants into sections with about three or four leaves. Then he pots them with the petioloide, the rhizome-like stem base, barely under the surface of the soil. He also uses a lot of perlite in the mix. Wash perlite thoroughly before you use it and do not inhale the dust.

Laura Shannon told me that many growers consider some *Streptocarpus* to be annuals if they have certain species in their background. Everyone loves the variety 'Captain Blood' but the variegation leaves when the plant is about six months old. This is caused by many factors, mostly, from excess heat, fertilizer salts build-up in the soil and less light with high nitrogen fertilizer. Look at the illustration showing how a *Streptocarpus* leaf is propagated by removing the midrib and inserting the cut edges into a rooting medium.



Plantlets will emerge at each of the secondary veins which run through the leaf blade. Cuttings can also be taken by inserting cross sections of the leaf into the medium, but it takes longer unless the leaf is young. Blooms come from each leaf base as it matures. Select a leaf that is just about to finish its progressive bloom production. Cover the cuttings with plastic wrap. Poke a few air holes into it. Air circulation is very important to this entire family.

Did you notice in "Jane's Journal" that Larry Hodgson is the editor-in-chief of the new HousePlant Magazine? He does a great job every time. The premier offering is only \$12.00 to HousePlant Magazine, P. O. Box 1638, Elkins, WV 26241.

#### Judging Gesneriads

Dolores Harrington of Fridley, MN, has asked for tips on judging gesneriads. This is such a difficult subject because there may be many different growth habits in each genera and even more from hybridizing. To keep abreast on the latest in gesneriads, you may want to join the American Gloxinia and Gesneriad Society, Inc. Each club should have a representative that reports on an interesting article in *The Gloxinian*, which is published six times a year. To join AGGS, send \$18 to Jimmy Dates, AGGS Membership Secretary, c/o The Horticultural Society of New York, 128 West 58th Street, New York, NY 10019. Publications available to membership include a Flower Show Manual for Judges and Exhibitors. Don't expect to find a great amount of information on specific plants to ex-

hibit. Common sense goes a long way and the plant tells you whether it is healthy or not. Does the plant fill the pot? Is it

crowded? Is the plant growth and bloom evenly balanced? Growing experience is the best teacher. Good growing, to all.

## SHOW TALK

DARRYL HOOVER  
912 S. Highland Ave., Apt. C  
Fullerton, CA 92632

To ensure each exhibitor and exhibit receives the recognition they deserve, please either print or type your results on the reporting form. Once you've completed the Show Talk report, please double check your spelling. I can check hybrids through the MVL; however, individual names require me to contact the particular affiliates show chair. This may delay the publishing of your show results.

Please include a self-addressed stamped post card with your report. This will allow me to acknowledge receipt of your report and allows me to inquire with the affiliate should the need arise.

**CORPUS CHRISTI AVS, TX —** "Violets Through the Seasons," Jeanette Kocurek, show chair. Winners: Best AVSA Collection, *Lela Marie*, *China Pink*, *Bertha*, **Glenda Ehrlich**; Second Best AVSA Collection, *Snuggles Clown* (sm), *Rob's Pink Satin* (sm), *Precious Pink* (sm), **Virginia Thompson**; Best in show, *Pink Energy*, Second Best in show, *Kathe Denise*, **Jeanette Kocurek**; Best design, "Valentine's Day," sweepstakes (horticulture), **Sarah Stensland**; Best semi, *Cheers*, **Billie Golla**.

**TAMPA AVS, FL —** "Violets in the Sunshine State," Jo Anne Martinez, show chair. Winners: Best AVSA Collection, *Autumn Fancy*, *Happy Hillbilly*, *Sapphire Halo*; Best trailer, *Lady Trail*, **Walter Spangler**; Second Best AVSA Collection, *Dandy Mandy*, *Tiger*, *Jazz Fest*,

**John Menish**; Best in show, *Wrangler's Dixie Celebration*, **Nancy Salter**; Second Best in show, *Georgia Lover*; Best semi, *Precious Pink*, **Glenda Spangler**; Best design, "Seminole Indians," **Doreen Lambito**; Best Miniature, *Timid Teen*, **Glenn Shelton**; Best gesneriad, *Streptocarpus 'Janus'*; sweepstakes (horticulture), **Jo Anne Martinez**; sweepstakes (design), **Sue Hendley**.

**COVINGTON AVS, AL —** "Violets — Our Stars," Clara Mae Gantt, show chair. Winners: Best AVSA Collection, *Spacedust*, *Nortex's Snowkist Haven*, *Elizabeth*; Best in show, *Nortex's Snowkist Haven*; Best semi, *Precious Pink*, **Ornette Lunsford**; Second best AVSA Collection, *Happy Cricket*, *Elizabeth*, *Optimara New Mexico*; Second Best in show, *Elizabeth*; sweepstakes (horticulture), **Clara Mae Gantt**; Best design, "Stars Fell on Alabama," Best Trailer, *Darling Blue Trail*, **Myra Benton**; sweepstakes (design), **Imogene Sarrell**.

**TOP CHOICE AVS, LA —** "Violets in Fairyland," Cami Ingle, Show chair. Winners: Best AVSA Collection, *Anna Kreeck*, *Majestic*, *Magnolia*; Best in show, *Anna Kreeck*; Best semi, *Precious Pink*, **Dorothy Ricketson**; Second Best AVSA Collection, *Lela Marie*, *French Lilac*, *Pretty Mama*; Best standard trailer, *Ramblin' Pink*, **Cami Ingle**; Best design, "The Ugly Duckling," sweepstakes (horticulture), sweepstakes (design), **Vivian Kennedy**;

Best semiminiature trailer, *Falling Snow*, **Elizabeth Wilson**; Best gesneriad, *Episcia Cleopatra*.

**ATCHAFALAYA VIOLET SOCIETY OF AMERICA, LA** — "Violets Visit the Orient," Y. George Ramirez, Jr., show chair. Winners: Best AVSA Collection, *Grandma's Zach, Blanche Holt, Bertha*; Best in Show, *Bertha*; Best Semi, *Ness's Sno Fun*, **George Ramirez**; Second Best AVSA collection, *Homer's Hospitality, Wichita Baby, Petite Rose*; Best Miniature, *Mickey Mouse*; sweepstakes (horticulture), **Martha Dyson**; Second Best in show, *Optimara Harlequin*; Best design, "The Joy Luck Club," Best trailer, *Flashy Trail*, sweepstakes (design), **Alice Ramirez**; Best gesneriad, *Streptocarpus seedling*, **Marilyn Simmons**.

**THE CAPITAL CITY AVS OF MONTGOMERY, AL** — "Light Up Broadway with Violets," Sue Mourning, show chair. Winners: Best AVSA Collection, *Little Pro (sm), Rob's Fiddle Faddle (sm), Snuggles (sm)*; Best in show, *Astral Peace*; Second Best in show, *Snuggles*; Best miniature, *Merrilee*; Best semi, *Snuggles*; Best gesneriad, *Episcia Party Girl*, sweepstakes (horticulture), **Barbara Strock**; Second Best AVSA Collection, *Perhaps Love, Ness' Viking Maiden, Suncoast Paisley Print*, Best design, "Small World," Best Trailer, *Fun Trail*, sweepstakes (design), **Doris Till**.

**HEART OF DIXIE AVS, AL** — "Raisin' Violets," Christie Thomley, show chair. Winners: Best AVSA Collection, *Devil Blues, Nancy Reagan, Magnolia*; Best in show, *Lela Marie*; Second best in show, *Nancy Reagan*; sweepstakes (horticulture), **Dorothy Strickland**; Second Best AVSA Collection, *Magic, Sweet Mama, Texas Dynamo*, Best design, "Catch a Wave," Best semi, *Little Pro*, sweepstakes (design), **Sherry Buie**; Best trailer, *Falling Snow*, **David Hayes**; Best gesneriad, *Episcia Unpredictable Valley, Mary Huff*.

**MAGIC KNIGHT AVS, TX** — "America The Beautiful," Sandy Sanders, show chair. Winners: Best AVSA Collection, *Wrangler's El Diablo, Frosted Whisper, Granger's Wonderland*; Best in show, *Frosted Whisper, Trudy Phelps*; Second Best AVSA collection, *Magic Blue, Definitely Darryl, Little Pro*; sweepstakes (horticulture), **Hortense Pittman**; Second Best in show, *Pink Pizzaz (sm)*, Best Semi, *Pink Pizzaz*, **Margie Crawford**; Best design, "Cumberland Gap," Best trailer, *Snowman Trail, Dea Johnson*; Best Miniature, *Rob's Soliloquy*; **Sandy Sanders**; Best gesneriad, *Streptocarpella Concord Blue*, **Ken Froboese**; sweepstakes (design), **Liz Curtis**.

## AVSA BOOSTER FUND

RUTH WARREN  
P. O. Box 3664  
Fall River, MA 02722

The AVSA Booster Fund donations made these past two years have completed payment for the computer and printer in the AVSA office.

The Booster Fund Chair, the Officers, Executive Committee, Board of Directors and members of Special Committees of AVSA, sincerely thank every Society, Council, Club and Individual Member for their consideration, cooperation, contribution and support. We can all share in the good feeling one has when a goal is reached.

Our AVSA Booster Fund provides for special considerations not included in the AVSA budget. I ask your continued support to this fund.

Special thanks to Olga McLean, Charles Dow, Judy Partain, Barbara Elkin, Nancy Hayes, Vivian Hiltz, Yvonne Ozio, Laureen Jones and Ruth Warren for articles donated in our raffles, and to Frank Senna, Nancy Hayes, Vivian Hiltz, Joan Halford, Barbara Elkin, Cherie Reimels, Cecelia Reimels and Gary Thurman who assisted at the Booster Fund table through-

out the convention week.

AVSA is a family of a large community. Our goals are high, and the "unity" from our "Community" makes success possible.

One commitment is completed, others will follow.

I personally thank you one and all.

Please continue to consider and support our AVSA Booster Fund.

Ruth E. Warren  
(special activities) ..... \$1,061.00  
Kansas City Convention .... 320.84  
Magic Knight AVS ..... 30.00  
Happiness Is AVS ..... 10.00  
Vivian Hiltz  
(in lieu of speaker fee) ..... 25.00  
Nancy Hayes  
(in lieu of speaker fee) ..... 25.00  
Mid-Polk AVS (in memory  
of Gladys Green) ..... 10.00  
New York AVS (in memory  
of Ruth Meek) ..... 25.00  
Long Island AVS ..... 10.00  
Pikes Peak AVS ..... 5.00  
Helen Stauffer ..... 15.00  
Louisiana Council of Judges  
(in memory  
of Marion Ball) ..... 100.00  
Gregory Sedgwick ..... 5.00  
Don L. Thornburg ..... 10.00  
AVS of Minnesota ..... 25.00

## A "Double" Dose of Thrips

NEIL D. LIPSON

29 S. New Ardmore Ave., Broomall, PA 19008  
215-356-6183

When I became serious about my violets, I started having problems. I had two infestations of thrips about three months apart, and now have become a semi-expert in eradicating them.

I wanted to get rid of the pests, but had two constraints: the first is that I wanted them dead and me alive, and second, I wanted a minimum of disbudding. I gave both some thought as I was against the use of dangerous pesticides, so I came up with a workable solution to the project.

My first infestation was a particular strain of thrips that was fairly easy to kill. I read every article in the AVM, plus a few books, and got to work.

I sprayed the entire collection with a normal solution of malathion. I then bought a plastic container big enough to hold about eight plants, and dropped in a new Bio-Strip No Pest Strip, but exposed it by pulling it out of the foil only two inches. Do not touch the yellow strip itself.

I left the plants in the container for two days, and then moved them to another part of the house to prevent reinfestation. I continued until all the plants were treated (about 30 plants). I then repeated the process to kill any remnants and those emerging from the pupae stage.

This did the job, and then I hung the pest strip on the plant stand for about a month more. There were no thrips. I was quite pleased with the technique, and thought that it was foolproof. This was not the case.

The Bio-Strip is identical to the Shell No Pest Strip and both use Vapone, which is fairly safe as long as you keep it away from food. Most of the information I have received on it, rates it as fairly safe, but to be extra cautious, I did not spend a great deal of time in the plant room. Besides, the heavy dose of Vapone

was when I put them in the container.

For two months things were perfect. I then decided to expand my collection and bought another six plants. Bad idea. Even though I cut the pollen sacs off the plants and sprayed them with pyrethrin spray, I had a serious thrips infestation one month later. I got the idea of cutting off the pollen sacs from my friend, Marian Meschkow (who is a walking encyclopedia of African violet knowledge). About 95% of the thrips that live on your plants hide in the pollen sacs; however, the other 5% is the part you worry about. They are in the soil, under the leaves, inside the leaves — places you would never imagine. And, you don't need two thrips to get baby thrips. They can reproduce with one, which means you must get them all. If you do not kill each and every one, the remaining ones that are slightly exposed to the treatment will, through natural selection, give birth to a slightly more resistant strain.

That is why you must shoot to kill. You have to treat thoroughly, every 3 to 5 days. Five weeks is a minimum. Otherwise, you will have to start over, probably with a different brand of pesticide, and with its associated problems, to both you and the plants.

I pulled out my no pest strip and placed it next to the plants. I tried a somewhat different idea: I wrapped the plant stand with plastic, and tried fumigating it by letting the Vapone build up to toxic levels inside the plastic, with minimal levels in the living area. However, with this particular strain of thrips, it had no effect. The thrips were jumping around the no pest strip like it wasn't even there.

I practically went into hysterics. I changed strategies and looked for the finest mist pyrethrin spray I could find, and found it in Raid's

Home and Garden Spray. This would hopefully do the job with minimal environmental damage to me and my family.

The Raid spray is great because pyrethrins are made from marigolds, and it also has one other safe pesticide, technical piperonyl butoxide. It also has one of the lowest petroleum distillate amounts I could find, which cause staining and leaf damage. I sprayed the plants from a few feet away and it immediately killed most of the thrips.

I purchased some of the yellow sticky strips and hung them from the light above, partly to eradicate as many thrips as possible, but also to tell me if I had any more. I would find a couple of thrips every two or three days. I would pick these off to have a clean strip for the future, and to make it easy in seeing any new thrips.

This continued for about four weeks, and while they diminished slowly, they never disappeared. I refused to disbud or disblossom, and tried to kill them in this manner. When I noticed some on the strips five weeks later, I bit the bullet, and disbudded everything in sight, sprayed the plants with malathion, and then watered them with a 1:4 solution of malathion to kill what was left in the soil.

That solved the problem, and it is now three weeks with no thrips. I probably had most of them gone, but I couldn't tolerate even one, and the last treatment did the trick. You see, pyrethrin is great for exposed thrips, but not so effective for hidden ones.

What will I do in the future? When I get a new plant, I will first strip the blossoms, pick off many of the leaves, wash the soil off the roots (don't forget soil mealy bugs), spray it with a malathion spray, keep it in a plastic bag for about a day and then plant it as normal.

This was drastic, but necessary. I have learned my lesson — twice.

(Neil Lipson has his own computer sales and consulting business in Broomall, PA. He has been growing African violets for about eight years, and has grown a variety of plants, including carnivorous plants, since a child.)

# AVSA BUILDING FUND



ANNE JANTZEN  
2725 Katrina Way  
Mountain View, CA 94040

## SUMMERTIME ... ... and the livin' is easy

but not when there are bills to be paid!

Since 1986, the AVSA Building Fund has been dedicated to giving you a precious gift — a home of our own. Now, that long awaited home has been purchased and our services expanded. This expansion is a direct result of your past support.

Regardless of the size of your group, or the size of your gift — for many make large gifts and many large sacrifices with smaller gifts — the fact is that your support is important. Won't you consider continuing your important role in the AVSA family? Thank you ...

Contributions from Jan. 29, 1992 - Feb. 25, 1992.

### February, 1992

Don Thornburg, CA ..... \$15.00

Late Bloomers AVS, WI

in memory of

Robert Shepherdson, Beloit . 5.00

Mrs. Maude Teater, IL

in memory of

Beth Liedeman ..... 10.00

Mrs. Maude Teater, IL

in memory of

Mrs. George McIntosh..... 10.00

Metropolitan AVS of Peoria

in memory of

Ruth Tiedeman ..... 10.00

Terry Duchien, IL

in memory of

Ruth Tiedeman ..... 10.00

Richmond AVS

in lieu of speaker's fee

to Carol Van, Hampton ..... 25.00

Tidewater AVS, VA

in memory of

Ann (Chris) Fucci ..... 25.00

Marjorie Crosby, NJ..... 5.00

Frances Stueler, CA..... 20.00

Helen Kongstad, CT..... 50.00

Virginia Raley, CA..... 10.00

Doris Shaw, MD ..... 5.00

Marie Deschamps, FL ..... 10.00

Margaret Cass, PA ..... 10.00

Victoria Frey, NJ..... 150.00

Jennie Wintz, AZ ..... 10.00

Pamela Woods, CA..... 15.00

Betty Phillips, GA ..... 10.00

Edith Yeager, MT ..... 15.00

Dorothy Mullenbach, MN.... 10.00

Memphis AVS ..... 10.00

Ruth Wasserman, CA ..... 10.00

Mildred McHenry, CA ..... 5.00

Dorothy Hann, FL

in memory of

Tinnie Suder..... 15.00

Mrs. George W. Shute, IL.... 25.00

Louise Jones, PA ..... 25.00

Albuquerque AVC ..... 25.00

Chimneyville AVC, MS ..... 10.00

Mrs. V. Norman, TX..... 25.00

Jay & Barbara Corbett, IL... 25.00

Pat Dorsey, CA ..... 5.00

Leona M. Mendes, CA ..... 5.00

Mariann Garner, SC ..... 15.00

Martha Page, TN ..... 10.00

Nadine Walker, NV ..... 5.00

AVS of Greater Tulsa ..... 25.00

Glendale Chapter

of AVS (disbanded) ..... 200.00

Total for the month - \$870.00

### TOTAL OF ALL CONTRIBUTIONS

- \$77,672.49

Contributions from Feb. 26 - Mar.  
30, 1992

March, 1992

Nancy Reimer, FL ..... \$10.00

Bluff City AVC, TN

in memory of

Rebecca Harlan, also

member of Memphis AVS... 15.00

Don L. Thornburg, CA ..... 15.00

Jean Sweeting, Bahamas .... 25.00

Gregory Sedgwick, VA..... 5.00

Cathy & Al Cornibe, CA ..... 25.00

Northern CA Council

of AVS ..... 50.00

St. Louis AV Judges

Council, MO ..... 10.00

Tempe AV Culture Club, AZ

upon their dissolution,

in memory of a

founder and dear friend,

Ethel Thalheimer

on January 24

at the age of 92 ..... 50.00

Aurora Borealis AVS, Inc.,

AK ..... 50.00

New York State AVS

in memory of past president,

Ruth Meek ..... 50.00

Rae Mortensen, NM ..... 25.00

Patricia Montgomery, CA .... 15.00

Blanca Fuster, TX..... 10.00

Marjorie Ray, NY ..... 25.00

Mr. & Mrs. Emory Bronner,

WA ..... 10.00

Vincent Gonnoud, CA ..... 10.00

C. L. Allen, CA ..... 10.00

Don and Jean Ness, MN .... 25.00

Jean Rogers, MA ..... 5.00

William Swartz, FL

in memory of

Ruth Swartz ..... 25.00

Harriette Poss, CA ..... 10.00

Ann Fishman, CA ..... 10.00

Gloria Miller, PA ..... 5.00

O. V. Mendes, CA ..... 5.00

L. Boden, Canada ..... 10.00

Total for the month - \$505.00

### TOTAL OF ALL CONTRIBUTIONS

- \$78,177.49

# VIOLETS ARE INTERNATIONAL!



(Top) Ingrid Lindskog, president, and Eivor Eriksson, vice president, discuss final plans for the spring show of the Swedish Saintpaulia Society at the Gothenburg Botanical Gardens.

(Center left) Eivor Eriksson displaying some of the prize-winning plants and

(Bottom) visitors at the show enjoying the exhibit.



## *Swedish Saintpaulia Society*



## Future AVSA Convention Sites and Dates

Lancaster, Pennsylvania — April 19 - 24, 1993

Denver, Colorado — May 23 - 28, 1994

St. Louis, Missouri — May 22 - 27, 1995

Atlanta, Georgia — May 23 - 27, 1996

# THE AVSA

## HONOR ROLL OF AFRICAN VIOLETS

FLOYD LAWSON  
1100 Huntington Dr., #21  
Arcadia, CA 91007

### 1981

Faith #2707 (Granger)  
Flamingo #2670 (Maas)  
Helene #2885 (Lyon)  
Jason #3004 (Maas)  
Mark #3007 (Maas)  
Orion #2069 (R. Anderson)  
Ruffled Red #2679 (Maas)  
Sweet Mary #2489 (Vern Lorenzen)  
Tommie Lou #1744 (Oden)

### 1982

Alouette #2787 (Fredette)  
Amazing Grace #3688 (Soultz)  
Ballet Anna #2890 (Geo. J. Ball Inc.)  
Firebird #2818 (Granger)  
French Lilac #2844 (Swift)  
Gr. Starburst #2874 (Granger)  
Gr. Sylvan Blue #2875 (Granger)  
Joyful #3168 (Lyon)  
Little Delight #3169 (Lyon)  
Little Jim #3005 (Maas)  
Millie Blair #3020 (Granger)  
Pink 'N Ink #3173 (Lyon)  
Sam (Lyon)  
Winter Grape #2789 (Fredette)

### 1983

Abigail Adams #3226 (Fredette)  
Beginner's Luck #2803 (Pritchett)  
Cat's Meow #3238 (Swift)  
Celine #3188 (Maas)  
Dardevil (Burton)  
Dyn-O-Mite #3440 (Lyon)  
Gr. Cameo Queen #3863 (Granger)  
Gr. White Cockatoo #3417 (Granger)  
Pixie Pink #2599 (Lyon)

### 1984

Red Wow (Lyon)  
Sunlit Sugar Plum #4599 (Scott)  
  
Betcha #3144 (Swift)  
China Pink #3429 (Fredette)  
Chris (Maas)  
Optimara Colorado #3152 (Holtkamp)  
Coral Radiance #3672 (Lyon)  
Dear Ellie #3439 (Lyon)  
Gr. Wonderland #3419 (Granger)  
Ms. Pretty #5225 (Anderson)  
Sammye Ballard #3563 (Granger)  
Sanibel #3377 (Leary)  
Silver Lining #3629 (Fredette)  
Snowy Trail #3678 (Lyon)  
Sparkle Plenty #2786 (Egenites)  
Tiger #3433 (Fredette)  
Wanderlust #3786 (Granger)  
Verna Lynn (Fredette)

### 1985

Autumn Honey #4462 (Groeneman)  
Black Ace #3541 (Nadeau)  
Cherry Frosting #4333 (Fredette)  
Disco Dazzler #3909 (Lyon)  
Gr. Carnival #4298 (Gr. Gardens)  
Gr. Heart's Desire #3407 (Gr. Gardens)  
Irish Angel #4054 (Annalee)  
Kristi Marie #3914 (Lyon)  
Polly Doodle #4339 (Fredette)  
Rhap. Barbara #6979 (Holtkamp)  
Something Special #3668 (Nadeau)

Splish Splash n/r (Lyon)  
Spring Fling #3553 (Nadeau)  
Sundown #3598 (Utz)  
Swamp Fever #4046 (Sisk)

### 1986

Chris Leppard #4636 (Maas)  
Dominique #4345 (Fredette)  
Fisher's Leone #4540 (E. Fisher)  
Lady Baltimore #4337 (Fredette)  
Love Bug #4513 (Lyon)  
Marie Knoblock #4042 (Sisk)  
Optimara Nevada #6964 (Holtkamp)  
Optimara New Mexico #6583 (Holtkamp)  
Snuggles #5018 (Lyon)  
Spanish Moss #4045 (Sisk)

### 1987

Fisherman's Paradise #4843 (Sisk)  
Gr. Desert Dawn #4050 (Eyerdom)  
Optimara Hawaii #6558 (Holtkamp)  
Happy Cricket #5726 (Hollada)  
Interlude #4935 (Gr. Gardens)  
Ms. Pretty #5225 (Anderson)  
Winnegreen #4693 (Pittman)

### 1988

Camelot Pink #4293 (H. Eyerdom)  
Cactus Rose #4147 (Fredette)  
Crystallaire #4295 (H. Eyerdom)  
Glittersweet #4431 (Fredette)  
Gr. Valencia #4051 (Granger)  
Kingwood Red #4308 (H. Eyerdom)  
Summer Lightning #5023 (Lyon)  
Trail Along N/R (Lyon)

**1989**

Anna Kreeck #5784 (Trent)  
Big Bird #5155 (Fredette)  
Christmas Candy-O #5032  
(Groeneman)  
Columbia #5450 (Eyerdom)  
Dumplin #3931 (Swift)  
Fairy Queen N/R (Fisher)  
Kiwi Dazzle #5888 (Snell)  
Mauna Loa #5336 (Eyerdom)  
Optimara Alabama #6542 (Holt-  
kamp)  
Splendiferous #5813 (Whitaker)  
Wrangler's Dixie Celebration  
#4490 (Smith)

**1990**

Boca Grande #5112 (S. Wil-  
liams)  
Emilie Savage #5445 (Eyerdom)  
Frances Young #5890 (Pittman)  
Hart's Snow White #5590 (A.  
Hart)  
Melodie Kimi n/r (Sunnyside)  
Ming Blue #5823 (Eyerdom)  
Pay Dirt #4988 (P. Tracey)  
Wrangler's Jealous Heart #6225  
(W. Smith)  
Wrangler's Pink Patches #6230  
(W. Smith)

**1991**

China Pink #6434 (Fredette)  
Mickey Mouse n/r (Inpijn)  
Nortex's Snowfrill Haven #6045  
(Johnson)  
Nortex's Snowkist Haven #6046  
(Johnson)  
Optimara® Hawaii #6558  
(Holtkamp)  
Precious Pink #6025 (Pittman)  
Snow Rose #5985 (Whitaker)

*To be on the Honor Roll of African Violets, a variety must have appeared on the Best Varieties list for five consecutive years.*

## **Take a Trip Back in Time ...**

**DIANE RICHARDSON**  
9207 Ravenwood Road  
Baltimore, MD 21237

As you ride through Pennsylvania Dutch Country, you will see many horse drawn carriages and wagons. They belong to members of America's oldest and largest settlement of "plain people." With a population of more than 70,000, this group includes members of the Amish (Amish), Brethren and Mennonite faiths.

Persecuted as radicals in Europe as early as the 1680s, they accepted William Penn's offer to settle in Pennsylvania and participate in his "Holy Experiment" of religious tolerance. They have three languages, a dialect of German called Pennsylvania Dutch, High German for reading and English is taught in their schools. They attend a one-room parochial school until the eighth grade, learning the basics plus German, music, art and the Bible. Much of their education takes place at home where the boys learn agriculture and building trades and the girls learn homemaking.

Mennonites and Brethren dress and live very much as we do. Clothing for women though is on modest lines and they wear a beautiful white cap that sits on the back of their heads. The Amish are more strict in regards to dress. The men wear dark colored suits and broad rimmed hats. Longer dark colored dresses (black, dark blue, dark green, dark purple) are worn by the women, with white aprons at home, capes and, of course, the little white cap. Younger women and girls wear medium to lighter shades. In the summer, the men change to summer straw hats, as do the little boys.

The Amish do not use electricity, drive cars or have telephones. Their primary occupation is farming which is done with horse-drawn plows. As in the early days of our country, they have large families with seven to 10 children who help work the land which has been held since their arrival.

Come share in the unique experience of the Pennsylvania Dutch Country from April 19 through April 24, 1993, while attending the AVSA National Convention and Show in Lancaster, Pennsylvania.

# REGISTRATION REPORT



IRIS KEATING  
149 LORETTO COURT  
CLAREMONT, CA 91711

A name reservation costs \$1.00 and is valid for two years, after which time it may be extended two years for an additional \$1.00. Registration of the plant is \$5.00 unless completed within the reservation period, in which case the balance is then \$4.00.

## REGISTRATIONS

### Genelle Armstrong - Metairie, LA

\***BEGUILING** (7661) 1/31/92 (Armstrong/Domiano) Single fuchsia sticktite pansy/red glitter overlay, purple edge. Dark green, plain, longifolia, glossy. **Large**

\***DEEP DARK SECRET** (7662) 1/31/92 (Armstrong/Domiano) Semidouble dark lavender shaded ruffled large star/some white edge. TL variegated dark green, cream and pink, plain, pointed, glossy. **Large**

\***JEANNETTE'S DREAM** (7663) 1/31/92 (Armstrong/Domiano) Double fuchsia ruffled. Dark green, plain, pointed, glossy. **Large**

\***KISSAWAY TRAIL** (7664) 1/31/92 (Armstrong/Domiano) Double light fuchsia star. Medium green, serrated. **Semiminiature trailer**

\***LITTLE CHIPPERY TRAIL** (7665) 1/31/92 (Armstrong/Domiano) Double dark fuchsia star. Medium green, pointed. **Miniature trailer**

\*\*\*\*

### Linda Neumann - North Royalton, OH

\***EVELYN HAAS** (7666) 2/1/92 (Neumann/Hawley) Semidouble lavender shaded star/purple tips. Medium green, plain. **Large**

\*\*\*\*

### Jeanie Bell - Codys, New Brunswick, Canada

\***BERMUDA BELL** (7667) 2/3/92 (J. Bell) Light mauve star/pink stripe. Dark green, plain/red back. **Standard**

\*\*\*\*

### George Starr - Pensacola, FL

\***PENSI CLASSIC** (7668) 2/19/92 (G. Starr) Double light pink star/darker tips. Mosaic variegated medium green and pink, quilted/red back. **Large**

\***SIR RODERIC** (7669) 2/19/92 (G. Starr) Double dark fuchsia-red fringed large star/darkerveins. Dark green, quilted/red back. **Large**

\*\*\*\*

### Judie Lalanne - Englewood, CO

\***ICICLE ROSE** (7670) 2/19/92 (J. Lalanne) Single white sticktite fringed pansy/rose eye, edge. Medium green, plain, glossy. **Standard**

\***JUDIE'S PEACH** (7671) 2/19/92 (J. Lalanne) Semidouble pale peach pansy/darker mottling, white edge. Medium green, ovate, glossy. **Standard**

\***STAR BRIGHT** (7672) 2/19/92 (J. Lalanne) Single dark purple pansy/white edge. Dark green, ovate, quilted, hairy/red back. **Standard**

\*\*\*\*

### Genola Cox - Eagle River, WI

\***CANDY SWIRLS** (7673) 2/28/92 (Cox/B. Johnson) Semidouble white and pink large pansy/pink eye, edge. Medium green, quilted, scalloped. **Small standard**

\***CHORALE** (7674) 2/28/92 (Cox/B. Johnson) Single-semidouble dark coral-red star/thin white wavy edge. Dark green, plain, quilted/red back. **Large**

\***EASTER MORNING** (7675) 2/28/92 (Cox/B.

Johnson) Semidouble light-medium blue pansy, shaded to pale blue at edge. Medium green, pointed, quilted. **Standard**

\***FAVORITE CHILD** (7676) 2/28/92 (Cox/B. Johnson) Semidouble white ruffled pansy/medium blue eye, rays, edge. Medium green, plain, quilted. **Standard**

\***ODE TO BEAUTY** (7677) 2/28/92 (Cox/B. Johnson) Semidouble medium coral star/thin raspberry band, white edge. Dark green, plain, quilted. **Large**

\***RASPBERRY CRISP** (7678) 2/28/92 (Cox/B. Johnson) Semidouble light pink pansy/raspberry ruffled edge. Dark green, quilted, scalloped. **Standard**

\*\*\*\*

**Clara Hobbs - San Antonio, TX**

\***DEAN'S LEGACY** (7679) 3/3/92 (C. Hobbs/D. Hobbs) Semidouble pink fringed. TL variegated dark green, heart-shaped/red back. **Semiminiature**

\***DEAN'S PLUM PEACOCK** (7680) 3/3/92 (C. Hobbs/D. Hobbs) Single wine fringed pansy/dark wine tips. Mosaic variegated dark green, white and cream, heart-shaped, serrated/dark red back. **Semiminiature**

\*\*\*\*

**Hortense Pittman - San Antonio, TX**

\***AUDREY BUCHANAN** (7681) 3/6/92 (H. Pittman) Semidouble rose. TL variegated medium green, plain. **Semiminiature**

\***SASSY SHIRLEY** (7682) 3/6/92 (H. Pittman) Semidouble lavender-purple shaded. TL variegated medium green, plain. **Semiminiature**

#### REGISTRATION CORRECTIONS

\***TRITON** (7461) 12/29/90 (P. Harris) Please change Semiminiature trailer to **Standard trailer**.

\***AMETHYST CONFETTI** (7555) 9/20/91 (C. Carter) Blossom description should be: Single-semidouble chimera purple wasp/wide **white** stripe.

#### NAME RESERVATIONS

**Dolores Harrington - Fridley, MN**

\* Daffy Dan \* Edward's Delight

\*\*\*\*

**Edward Janosick - Roxbury, NY**

\* Busy White \* Indigo Lace \* Reba Delight

\*\*\*\*

**John Gonzales - Pasadena, TX**

(Each of the following is preceded by the name Solar): \* Atomic Blue \* Daydream \* Eclipses \* Heat \* Lift-off \* Lunar Crystals \* Memories \* Moon Glow \* Mystery \* Pink Energy \* Romance \* Sunbeam \* Touch-down \* Venus \* Victory

\*\*\*\*

**Judie Lalanne - Englewood, CO**

\* Colorado Lace \* Colorado Sunset \* Dakota \* Pink Butterfly \* Star-Spangled

\*\*\*\*

**Genola Cox - Eagle River, WI**

(Hybrids of the late Bill Johnson)

\* Berry Happy \* Coral Magic \* Crested Wave \* Dreamscape \* Grand Master \* International \* Midnight Flame \* Mighty Fine \* Shan \* Simply Romantic \* Tribute to Bill \* Ultimate

\*\*\*\*

**Sidney Sorano - Dolgeville, NY**

\* Anastasia \* Blue Smoke, \* Bright Dancer \* Candlelight Waltz \* Carousel Pony \* Dancin' Devil \* Emerald Jewel \* Fantasy Waltz \* Fine Wine \* Galactic Dancin' \* Grape Punch \* Irish Frost \* Irish Halo \* Irish Paradise \* Irish Treasure \* Kopy Kat \* Lyon's Blue Monday \* Lyon's Midnight Sun \* Lyon's Shockwave \* Midnight Fire \* Midnight Rascal \* Midnight Stardust \* Midnight Valentine \* Midnight Waltz \* Moonlight 'n' Pink \* Peppermint Doll \* Petticoats 'n' Blue \* Pink Locket \* Pixie Show-off \* Precious Prince \* Precious Princess \* Pretty Snazzy \* Rose Mist \* Rosy Dimples \* Snow Flurry \* Snow Pixie \* Snuggles Barely Blue \* Snuggles Barely Blush \* Snuggles Barely Pink \* Snuggles Blue Angel \* Snuggles Little Prince \* Strawberry Splash \* Sugar Crystals \* Sunrise Waltz \* Sun Sizzle \* Winter's Haven

\*\*\*\*

#### NAME RESERVATION RENEWALS

**Sidney Sorano - Dolgeville, NY**

\* Berry Pink \* Blue Echoes \* Blue-eyed Baby \* Blue Is Blue \* Candy Sprinkles \* Cinnamon Candy \* Fantasy Flicker \* Frosted Mint \* Grape Sprinkles \* Island Coral \* Ivory 'n' Pink \* Kool Kitty \* Lady Flash \* Lyon's Silver Dust \* Midnight Honey \* Midnight Love \* Misty Rainbow \* Neptune's Treasure \* Pink Sugar \* Rose Pinafore \* Rum Punch \* Run-around Rainbow \* Scandal \* Shades of Midnight \* Shy Blue \* Silver Sparkles \* Snow Crystals \* Snuggles Playmate \* Snuggles Rag Doll \* Super Dooper

# BOYCE EDENS RESEARCH FUND

MARLENE BUCK  
P. O. Box 38  
Oreland, PA 19075

**Contributors Please Note:** When making a donation be sure to include the way you want your club's name listed in the AVM. Also, be sure and list the correct city and state where your club is located.

Donations received from January 20, 1992 through March 20, 1992:

Genola B. Cox, Eagle River, WI in memory of	Edna M. Morton, Indianapolis ..... 5.00	Central Connecticut AVS, Hartford
Bob Shepherdson ..... 25.00	Memphis AVS, TN ..... 10.00	in memory of Irene Traskers — to us, she was our inspiration.
Upper Pinellas AVS, Clearwater, FL in memory of Mrs. Tinnie Suder, a charter member ..... 25.00	Albuquerque AVC, NM ..... 25.00	Her well groomed plants, knowledge, dedication and friendship to our club will be remembered for years to come.
AV Study Group, Minneapolis ..... 10.00	Leona Thompson, St. Georges, Bermuda ..... 10.00	God bless you, Irene.
Charles & Gen Zondlo, Minneapolis ..... 10.00	Fox Valley AVC, Appleton, WI ..... 25.00	We will miss you ..... 100.00
Leonard & Elaine Re, Fountain Valley, CA in memory of Mr. Roberson, husband of	Ruth Wasserman, Portola Valley, CA ..... 10.00	Central Florida AVS, Orlando in memory of
Betty Roberson ..... 10.00	Lake Shore AVS, Highland Park, IL in memory of Dan Benac .. 20.00	Frances S. Chrisman and Jessie M. Streeter ..... 35.00
Nite Bloomers AVS, Saratoga, CA in lieu of Installation of Officers fee for Patt Harris ..... 25.00	AVS of Utah, West Valley City ..... 10.00	Don L. Thornburg, Oakland, CA ..... 10.00
Memphis AVS, TN in memory of	AVS of Denver, Chapter 1, CO ..... 10.00	Anna Speros, Hercules, CA ..... 10.00
Rebecca Harlan ..... 10.00	Charles H. Cohen, Baltimore ..... 5.00	Helen M. Browning, Washington, OH ..... 10.00
San Mateo AVS, CA in memory of	Madeline Jacobs, Stillwater, MN ..... 10.00	Tsukie Fujimori, Honolulu, HI ..... 25.00
Constance Smith ..... 10.00	Lucy Menard, Erath, LA ..... 5.00	Aljean G. Leer, Woodstock, VA ..... 10.00
L.A. AVS, Mission Viejo, CA in memory of	AVS of Greater Tulsa, OK .. 15.00	Sheridan AVC, WY ..... 40.00
Mrs. Tomiko Miura ..... 10.00	Gregory B. Sedgwick, Alexandria, VA ..... 5.00	William L. Swartz, Clearwater, FL in memory of
Glendale AVS, CA ..... 300.00	Paumanok AVS, Northport, NY ..... 10.00	Ruth Swartz ..... 25.00
AVS of the East Bay, Oakland, CA in memory of	Tustana AVS, Costa Mesa, CA in memory of	Adam Sawoski, Southampton, PA ..... 10.00
Dorothy Simpson ..... 25.00	Dr. Theodore Berg ..... 10.00	
Martha Compton, Bloomington, IL in memory of Ruth Tiedeman, friend and mentor ..... 15.00	Isabel Valli, Sylvan Lake, Canada ..... 15.00	
Mrs. Harold A. Cloud, St. Paul, MN ..... 10.00	San Diego Daytime AVS, CA ..... 20.00	
Ruth B. Crane, Mt. Pleasant, IA ..... 10.00	St. Louis AV Judges' Council, MO ..... 10.00	
Gwen A. Urano, Calgary, Canada ..... 15.00	Cen-Tex Rainbow AVC, Copperas Cove, TX in lieu of a speaker's fee for Bill Foster ..... 20.00	
	Orange County AVS, Fullerton, CA in memory of Naomi Burgess ..... 25.00	

## NEW AFFILIATE CHAIRMAN:

Bob Green  
997 Botany Lane  
Rockledge, FL 32955



**GRANDMA'S ZACH**

a Ronn Nadeau hybrid  
grown by Gladys Cartwright  
Stockton, CA



# mini-tidbits

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Hortense Pittman is clearly the winner in the 25 Favorite Miniature/Semiminiature List. More people are growing her plants and rating them highly this year. Out of the top 31 varieties (seven varieties tied for the 25th spot), 13 of them are Hortense Pittman introductions. The ratings are as follows:

## 1992 25 Favorite Miniature/Semiminiature List

	Name	Votes	Hybridizer
1.	Precious Pink	72	Pittman
2.	Snuggles	67	Lyon
3.	Irish Flirt	45	Sorano
4.	Little Pro	42	Pittman
5.	Pixie Blue	38	Lyon
6.	Mickey Mouse	33	Nadeau
7.	Falling Snow	31	Tracey
8.	Rob's Sticky Wicket	29	Robinson
9.	Optimara Rose Quartz	28	Holtkamp
10.	Hart's Little Katherine	28	Hart
11.	Magic Blue	28	Pittman
12.	Petite Jewel	26	Pittman
13.	Everdina	25	Nadeau
14.	Pat Champagne	24	Pittman
15.	Irish Angel	19	Annalee
16.	Wee-Be	19	Pittman
17.	Dancin' Trail	18	Lyon
18.	Beginner's Luck	17	Pritchert
19.	Sundown Trail	14	Pittman
20.	Dazzle Trail	13	Pittman
21.	Ness' Sno Fun	13	Ness
22.	Definitely Darryl	12	Pittman
23.	Rob's Silver Spook	12	Robinson
24.	Rob's Soliloquy	12	Robinson
25.	Calico	11	?
25.	Ballet Snow Cone	11	Fischer
25.	Ness' Angel Blush	11	Ness
25.	Pay Dirt	11	Tracey
25.	Sweet One	11	Pittman
25.	Timid Teen	11	Pittman
25.	Wee Hummer	11	Pittman

Voting by club was a huge success. I thank all clubs that sent in their votes together in one envelope. It made a wonderful sampling from the whole USA and Canada. There were a total of 452 varieties nominated by 148 voters from 23 societies and several individuals. It was a goal of mine to hear from every state in the union this year. We didn't quite make it, but the response was gratifying. Those states represented this year were: Alabama, Arkansas, California, Colorado, Connecticut, Iowa, Indiana, Illinois, Massachusetts, Missouri, New Jersey, New York, Ohio, Texas and Virginia. We had one international group from Calgary, Alberta, Canada. My thanks to all of you for making my job such a pleasant one.

As more of you grow plants of different hybridizers, you will note that they will tend to have certain traits peculiar to that individuals goals. For example, Ethel Champion was noted for introducing many varieties with "crown variegation" often referred to as "Champion variegation." Jimmy Dates tended to specialize in wasp blossoms and bustle foliage. It will be our aim this year to explore with you what our hybridizers think is the "Perfect Miniature/Semiminiature plant." Our committee will attempt to find out what they are trying to achieve in their hybridizing program and if they have a master plan in mind.

Looking back just 10 - 15 years ago, it seemed like there was an infinite variety of possibilities for future hybrids. The most dramatic improvement we have witnessed has been the stick-tite blooms that just don't

quit. Floriferousness has certainly been attained in a show stopping way. Floriferousness on top of variegated foliage has been the emphasis in recent years. One has only to look at the favorite list to see many variegated winners. It would be nice to see more new introductions having the "Lilian Jarrett" or mosaic type of variegation. Very few new variegated varieties are mosaic.

It would be nice to see stick-tite wasp blossoms if that is possible. How about more "dogwood" markings on new combinations. With the exception of "Dots of Love" by H. Pittman, I have not seen much new in this area. How about stick-tite bells? Bell-shaped bloom is so charming it would be wonderful having a plant

covered in bells that don't drop off everytime we look at the plant.

Whatever happened to Clackamus foliage or bustle foliage? Has anything come out since "Fool's Gold" in Clackamus foliage? Is it possible to get a girl leaf to be Clackamus or even bustle? Has anyone seen a new introduction with "strawberry foliage" or "supreme" type foliage? It could be that our hybridizers are ahead of me in these areas. I would like to find out in the coming year. As we receive new information we will keep you posted. If any of you out there know of varieties that exist having some of these characteristics, I'd be pleased to hear from you. I try to keep up, but in this fast-paced world, I'm always at least one light-year behind.



**Award winners at a recent Paumanok (NY) AVS show are: Bud Weber, best seedling; Melanie Rodenburgh, 2nd best AVSA collection, best L.I. origination, *Paumanok*; Joan Stuckey, best in design and design sweepstakes; Jane Weber, best in show, *Grape Slush*, 2nd best in show, *Desert Dawn*, 3rd best in show, *Bud's Melanie*, and best AVSA collection; Anne Madsen, best novice, *Rob's Pinky Winky*; Gloria Rutmayer, horticulture sweepstakes; and Marcy Koester, best semiminiature collection and best semiminiature, *Snuggles*. The theme for the show was, "Violets go Collegiate."**



Audrey Buchanan

**HORTENSE PITTMAN**

Hortense Pittman (C. Russell)

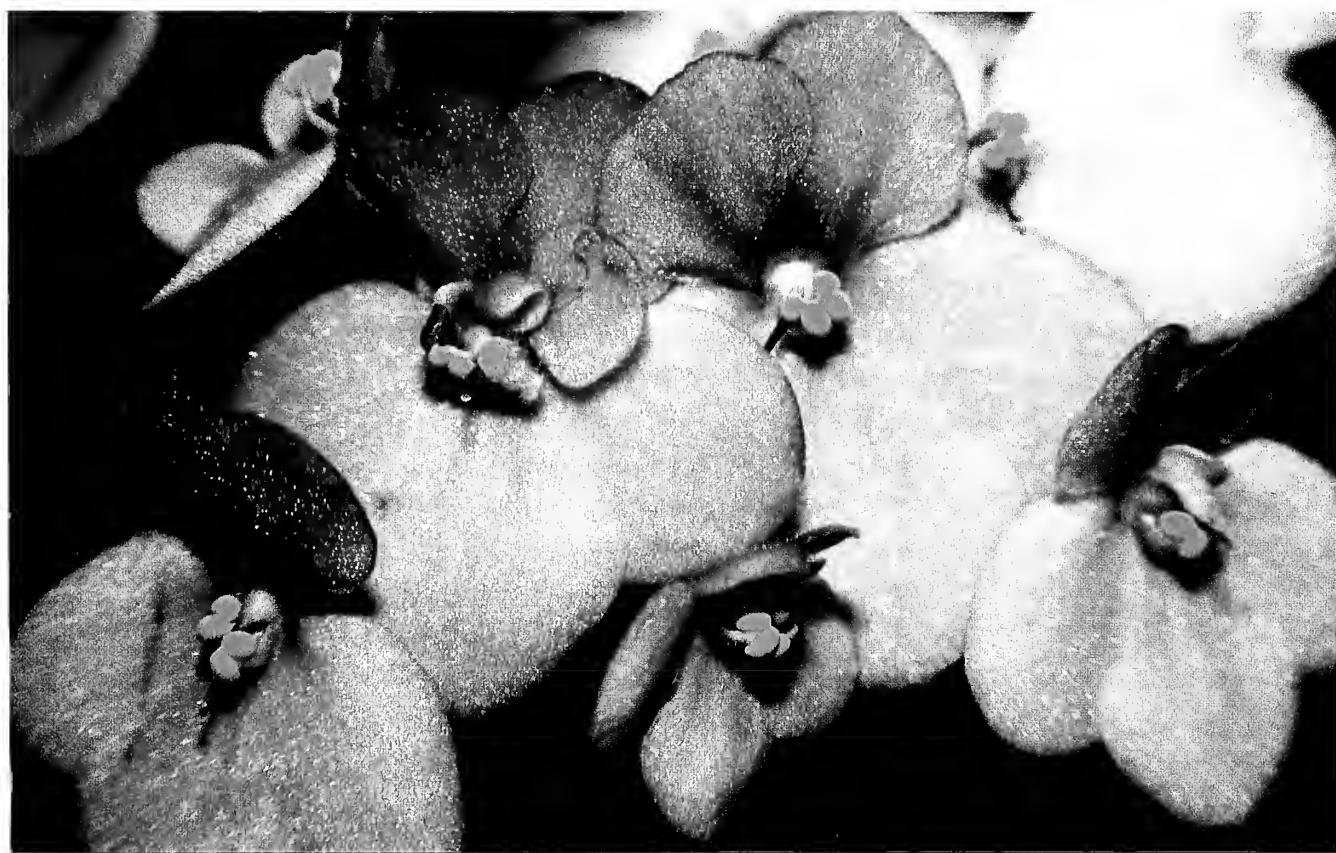




Rob's Gal Vikki

**"ROB" ROBINSON**

Rob's Twinkle Toes



# Brand Name Soil Mix Ingredients

MARY ANN SWITZER  
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Chesterfield, MO 63017

I think it is great the way that African violet growers really read, study and question the articles in the *African Violet* magazine. My article, "Successful Propagating From Bloom Stalks" appeared in the Sept./Oct. 1991 issue of the AVM. I received a large volume of letters almost immediately upon publication. And seven months later, I am still receiving letters and phone calls. The three most frequently asked questions are:

- 1) Why do you put soil in your potting mix, rather than use a soilless mix?
- 2) Where can I buy Baccto soil?
- 3) What do you mean by coarse vermiculite?

I will attempt to answer these questions.

## Soil or Soilless

I put soil in my potting mix because it works best in my growing situation. During the home heating season (October through April) my basement is quite warm. The basement is small and the violet growing area is near the furnace. Not wanting to be wasteful in the consumption of fuel, we have closed off all the vents. But it remains warm; warmer than the rest of the house. It has to do with the house construction and heating duct layout. My African violets love the warmth and grow well all winter. But the heat really dries out the soil. I grow

using the wick watering method, with each pot having its own reservoir. When I have tried various soilless potting mixes, the soil and wick just dry out in days. By adding soil to the mix, it prevents this from happening. I have learned this from trial and error.

I think that this is the perfect example of the fact that a grower must consider one's own growing conditions and adapt the growing methods used to suit them. While most African violet growers in the St. Louis area raise their plants in the base, use fluorescent lights and heat with natural gas, they do not necessarily have the same growing conditions. Due to the geography of the homesite, the way the home is constructed, and the type and location of furnace and ducts, growing conditions can vary considerably. Visiting fellow members growing areas is always a highlight of the monthly African violet club meeting. Here we can observe that one member might have a damp basement and fight a continuous battle with mildew, while another member has a basement so cold that you wish you still had your coat on. My basement, in comparison, feels quite tropical. So you must try different soil or soilless recipes, and find the one that works best in your situation. There is no recipe that is best for all growers.

## African Violet Potting Soil

I mentioned Baccto African Violet Soil made by Michigan Peat Co. in my recipe because it works well for me, and is convenient to buy at the local hardware store. I have no connection with any soil company. I am sure that there are other brands that are just as good and available in other parts of the country. People have asked my opinion about other brands. Here are some other brands of soil which I have tried and would also recommend:

Franks African Violet Potting Mix (Franks Nursery)

Gardener's Choice (Wal-Mart Stores)

Swiss Farms AV Soil, Vita Hume Potting Soil, and Hyponex Potting Soil for African Violets, (all by Hyponex)

## Coarse Vermiculite

"Coarse compared to what?" people ask me. Of the brands of horticultural vermiculite which I have bought, there seem to be two sizes of particles, which I consider to be "fine" or "coarse." The Peters (Grace Horticultural Products) and Hoffman (A. H. Hoffman) vermiculite are too fine for my purposes. I prefer the more coarse vermiculite with the brand names Hyponex (Hyponex Corp.), Botanical Garden (Brouk Co.), and UniGro (L & L Nursery Supply).

## Horticultural Charcoal

Of the horticultural charcoal I have tried, I have found Fison's Sunshine (Fison's Western Corp.) and UniGro (L & L Supply) to be somewhat coarse, but useable. I like the Hyponex (Hyponex Corp.) best.

### Peat Moss

For peat moss, I am happy with two brands: Hoffman (A. H. Hoffman, Inc.) and Hyponex (Hyponex Corp.).

### Perlite

All the brands of perlite that I have tried appear to be the same.

In conclusion, I would like to encourage all growers to experiment with different soil mixes.

Try to find the one that is best for your growing conditions. Buy different brands of soil ingredients at local stores and give them a try. Keep records of what you think works best for you. Then compare notes with others in your club. If you think a certain brand of soil isn't perfect for your African violets, use it on your other houseplants, or

put it in your backyard flower garden. It won't go to waste.

Here is the soil recipe that brought me so much delightful mail:

4 quarts Baccto African violet soil

6 quarts coarse perlite

2 quarts damp peat moss

4 quarts coarse vermiculite

3 cups horticultural charcoal

## Growing Violets with Both Sides of the Brain ...

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After running across several books explaining how to do various activities better by using both sides of the brain, my own brain finally reacted.

Eureka! If it applies to everything else, why not to raising violets??? Try this for an explanation:

Suppose a forlorn soul stares at your gorgeously blooming plant and cries, "I tried it — it died!" That person probably cared for their victim with half a brain, the right side. Right side brain activities are free flowing, non-analyzing, non-critical. If this person simply sailed through the day, watering on impulse, or watering out of the same habits that had made their other plants (such as cactus) flourish — or at least survive, the watering may not have been compatible with the needs of the violet.

So, every violet they try dies, a victim of over, under or irregular watering.

Now, bring in the left side of the brain, the analytical, critical side. Suppose this same person had stopped to analyze

why their poor plant bit the dust, then consulted a violet grower or book for advice, and actually paid attention to the answers.

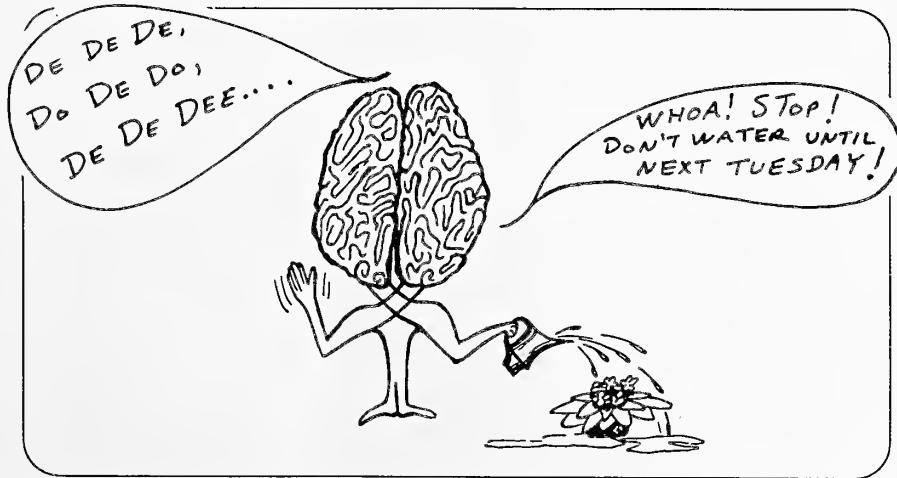
By discovering the correct watering habits, the person could consciously reprogram their own behavior into compatibility with the plant's needs. Once new habits are learned, the left side of their brain could go back to its nap and allow the right side to take over again — this time on the right track.

So how do people with green thumbs fit into this? Some people may be lucky enough that their initial right brain urges

at how often to water are just what the violet needed. Or, they have cared enough to focus the other half of their brain on the problem and learned the right right-brained habits, with left brain consciousness from the beginning.

It's a thought.

If you are curious about right-left thinking, check out these two books: *Writing on Both Sides of the Brain* by Henriette Anne Klauser, San Francisco, Harper & Row Publishers, 1986; and *Drawing on the Right Side of the Brain* by Betty Edwards, Los Angeles, J. P. Tarcher, Inc., 1979.





Jeani

**BARBARA ELKIN**

Sherry Love



# QUESTION BOX

JAMES SMITH  
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Want some good news? I am going to share the Question Box column responsibilities with Ralph Robinson. Ralph, as many of you know, is the hybridizer and owner of Rob's Mini-o-lets. He graciously consented to lend a hand. My work schedule is hectic, and rather than give up the column, we decided to give you the best of two experienced growers. I am sure that Ralph will be a fine addition to this column that many of you have grown to enjoy. Welcome aboard, Ralph! It is important that you continue sending your questions to the address above. As always, enclose a stamp. Your letters **can not** be answered without return postage.

**Question:** We recently had a water conditioner installed in our house because our well water is hard and lime deposits were giving us a lot of trouble. We were told that because the conditioner uses potassium chloride instead of sodium, that it would not harm the plants, but would be good for them. Is this correct?

**Answer:** I checked with several water treatment consultants and they assured me that neither the potassium or sodium chloride would harm you or your plants. Both chemicals are used to clean/flush the filtration, or mineral bed in your conditioner. Very little, or a negligible amount ever reaches

the water supply. I know of one person who uses a water conditioner and has no trouble growing violets. Think of what potassium does for your plants: it imparts vigor and resistance to disease, improves reproductive quality, and is essential to formation and transfer of starches and sugars to the plant system. I feel confident that you will not experience problems.

**Question:** This winter some of my African violets have developed, what appears to be, powdery mildew. I find it on the main stem of the affected plants; if I miss it, it spreads to the leaves and blossoms. I use trays with pebbles for moisture and I've also found the white specks of mildew in the pebbles and on the damp side of the small pieces of wood I use to raise my pot out of these pebbles. The mildew does not seem to affect the plants too negatively and aerosol Lysol™ controls it fairly effectively, but doesn't eliminate it. I am concerned because it is appearing on violets that are widely separated by room and even floors. Today I found it on a violet in my basement setup and I don't even remember touching it in recent weeks. I should mention that our house temperature tends to be on the cool side, on the 60s, day and night. My question is, how can I keep this from spreading?

**Answer:** Mildew is a fungus

that can be spread through the air. When the spores (seed) find the right environment to settle, WHAM, you have mildew. Mildew is most active when the weather is warming up, but the nights are still cool. If you are using Lysol™, spray the room as well. This product will not mar the foliage. Another product is funginex. It is used to control various molds on roses. I have found it to be excellent on African violets. Funginex can be purchased from your local garden supply. To help control mildew, run a small fan to help circulate the air, keep the humidity around 50% to 60%, and try to keep the nighttime and daytime temperatures from varying 10 degrees. Mildew, if not kept in check, will cause pit marks on the foliage. I know some growers that keep small dishes of flowers of sulphur around their growing area. Sulphur helps keep molds in check. You can obtain sulphur from any pharmacy.

**Question:** What causes tight centers in African violets that have curly leaves? I grow my plants in Moist-Rite planters. I have even used the self-watering ceramic pots. I thought that my light bulbs were weak, and I changed them. They got worse! What can I do to prevent the leaves forming tight centers?

**Answer:** Two things that cause tightness of centers are:

cold temperatures (ruffled varieties hate the cold), and strong light (new light fixtures tend to emit stronger light for at least two weeks when installed). One of these two factors could be the cause of your problems. I know several growers who have a problem growing plants in self-watering ceramic, and Moist-Rite planters. Too much moisture, for some varieties, will tighten centers. Although these planters work great for some folks, I have a problem using them under my growing conditions. Review your growing environment. Is your temperature being maintained at around 70 degrees, with humidity at about 50% to 60%? If you just changed your light bulbs, reduce the time they are on to nine hours a day for at least a week. A sudden burst of energy will cause burns on sensitive plants.

**Question:** What is a wetting agent, and why is it necessary to add it to some insecticides?

**Answer:** A wetting agent is any kind of dish detergent that is used in conjunction with an insecticide. Some insects have a very waxy coating on their bodies, and the soap helps the insecticide by cutting through this coating; thereby, reaching the vulnerable parts of the insect. The recommended amount is 5 drops of dish detergent to one quart of warm water. Mix the insecticide solution first then add the dish detergent. Always use warm water for sprays as cold water may cause damage to the foliage.

**Question:** In a recent issue of the AVM, it was mentioned that excessive suckering can be the result of poor culture, damage,

or disease. Can you mention examples of poor culture, type of damage and the diseases that I should be aware of and be looking for, for me to prevent excessive suckering? I have difficulty cutting out the suckers and still have a presentable plant.

**Answer:** Excessive suckering is nature's way of reproducing the species. If a plant suckers, the growing conditions are usually good. In some varieties, suckers seem to pop up overnight. I don't know of any particular disease that would cause or promote the growth of suckers. From my experience, dry conditions will promote suckers in some miniatures. I have found that violets with shiny leaves are more prone to developing suckers. The trick to grooming suckers is to pluck

them before they become so large that they ruin the plant's symmetry. Using a sharp pencil, hold the point at the base of the sucker. While applying slight pressure, rotate the pencil. This will usually pop the sucker from the crown. At each watering, inspect your plants for any signs of suckering problems. A sucker must show four leaves before it can be classified as a sucker. Two leaves showing may not be a sucker, but a bud forming. Most plants will stop suckering when they start to form buds. This is very true for most miniatures.

On a last note, has anyone tried to read the computer diskettes containing the Multiple Variety Lists, using Word Perfect™-word processing program? If you have, please write to me.



Recent winners at the Delaware AVS show, "Musical Violets," were Betty Gregg, 2nd Best AVSA Collection, shown holding *Precious Pink*, and Bessie Pyle, Best Collection, shown holding *Happy Cricket*.

AVSA 24-Hour FAX — (409) 839-4329

# What Makes a Green Flowered African Violet Green?

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Earlier work on the flower pigments of African violets (Smith, 1991) had included a few cultivars with green or green-edged flowers. The results suggested that the green color was likely chlorophyll, the green pigment of leaves. The methods used, however, were specific to the anthocyanins (pink - red - blue pigments) and could not confirm the green pigment as chlorophyll. The results, however, did confirm that the green color was not a mixture of yellow and blue anthocyanins as the green pigment did not separate during the chromatography analysis for anthocyanins. The purpose of this paper is to report a follow-up study on green flowered African violets.

Two green flowered cultivars, 'Kermit' and 'Touch of Spring' were used in the study. Both cultivars have basically white double flowers with varying amounts of green on the petal edges. The study of the green pigment was conducted two ways: 1) cellular location and 2) chemical composition.

## Cellular Location

Slides were made of the petal material and the location of the pigment in the cells was examined under a microscope. The usual pigments in African violet flowers, the anthocyanins, are water soluble or hydrophilic (hydro = water; philia = to love).

These pigments are generally found in the vacuole of the plant cell. Vacuoles are very large plant cell organelles that store and regulate water content. Hydrophilic pigments, like anthocyanins are dissolved in the vacuole's water, coloring the entire organelle. Because the vacuole is so large, the entire cell usually appears to be colored when viewed under a microscope.

Chlorophyll is a hydrophobic (hydro = water; phobia = to fear) pigment and does not dissolve in water. In leaves, the chlorophyll is contained in the membranes of a specific organelle, the chloroplast. The chloroplasts are much smaller than the vacuole. A leaf cell may average 30-60 or more individual chloroplasts per cell. When viewed under a microscope, the cell appears basically clear with the small green chloroplasts coloring only a very small part of the cell volume.

Microscopic examinations of the petals of 'Kermit' and 'Touch of Spring' showed that the green color did not occupy a very large part of the cell volume. Instead, the green pigment was located in bodies roughly the size of chloroplasts. The number of green bodies was very low, usually less than 10 per cell. The rest of the cell's volume was clear. The cellular appearance of the green pigment in these

two cultivars is consistent with chlorophyll and chloroplasts.

## Chemical Composition

Leaf and flower material of 'Kermit' and 'Touch of Spring' was placed in a mortar. Three milliliters of acetone was added and the material was crushed with a pestle. The ground slurry was filtered and a green solution was obtained.

The green solution was deposited drop by drop on strips of Whatman #1 chromatography paper. Each drop was allowed to dry before placing the next drop so that a highly concentrated spot of green pigment was obtained. The prepared paper was hung on a hook in the cork stoppering a glass bottle. The bottom edge of the paper touched the solvent (carbon tetrachloride or petroleum ether) contained in the glass bottle and the solvent traveled up the paper. The green spot was dissolved by the solvent as it passed up the paper. The various compounds in the green spot were separated as the solvent continued moving up the paper. The Rf (rate of flow) values and colors of the separated pigments were compared.

The results (Table 1) indicated that five pigments were found in the African violet leaves and flowers. Two of these were chlorophylls, Chlorophyll A and Chlorophyll B. Three carotenoid

pigments were also found, two Xanthophylls and one Carotene. All five pigments were found in both cultivars tested and in both leaf and flower material. The flowers, however, contained very small quantities of the pigments when compared to the leaves.

The conclusions of the cellular location and chemical composition studies are that green African violet flowers do contain chlorophyll. The green coloring of these cultivars is due to the presence of the same pigments found in leaves. The leaf-like nature of these flowers is further supported by the presence of the Xanthophyll and Carotene pigments.

In leaves, Xanthophyll and Carotene are referred to as "Accessory Pigments." These pigments are part of the structure of chloroplasts and help absorb light energy for photosynthesis that the chlorophylls can not. They are also the pigments that are left behind in the fall in tree leaves when the chlorophylls are broken down and removed. The presence of the Xanthophylls and Carotenes then gives the brilliant fall color of many tree species.

The leaf-like nature of the green African violet flowers is further supported by an unexpected microscopic observation. Scattered on the back epidermis (outer cell layer or skin) of the petals were stomata and guard cells. Stomata are openings in the skin of a plant that allows gases such as carbon dioxide and oxygen to move between the interior of the plant and the environment. Guard cells are kidney-bean shaped cells that open and close the stomata, regulating gas ex-

change and water loss. Stomata are typically on the underside of leaves. They are not normally, however, found on flowers.

The number of stomata was not large and 'Kermit' had more of them than did 'Touch of Spring.' The number of stomata may reflect the amount of chloroplasts the petals contain as 'Kermit' was darker green than 'Touch of Spring.'

One question raised by these results is whether the pigment in the yellow African violet is a derivative of the anthocyanins or is due to yellow Xanthophylls. It is clear from both the microscopic and chemical analysis of the yellow African violet that the yellow pigment is hydrophilic and is dissolved in the vacuole. It is therefore, an anthocyanin related pigment and not a Xanthophyll.

thophyll.

In conclusion, the green flowered African violets were found to be green because they have chloroplasts containing chlorophyll and other leaf-type pigments. These cultivars have petals that are very leaf-like in structure (e.g., stomata and guard cells). Since most botanists consider flowers to be highly modified leaves, it should not be too surprising to find cultivars whose flowers have mutation and are no longer so highly modified.

**Acknowledgements** - This study was supported by the Boyce Edens Research Fund.

**Literature Cited** - Smith, J. 1991.

A Chemical Analysis of the Flower Pigments in African Violets: Part III. AVM 44 (6) : 20 - 22.

**Table 1:** Pigments found in leaves and green flowered African violets.

<b>Pigment</b>	<b>Color</b>	<b>Leaf</b>	<b>Flower</b>
Chlorophyll A	Green	X	X
Chlorophyll B	Green	X	X
Xanthophyll A	Yellow	X	X
Xanthophyll B	Yellow	X	X
Carotene	Pale Orange	X	X

X = present

## Baking Soda - Follow up ...

This is a follow-up on the recent letter I wrote to the AVM concerning using baking soda water as a fungicide. I was so elated about finding an organic alternative to chemicals, that I omitted any other details. Unfortunately, a lady wrote to me that she had a bad experience using this method, which alarmed me.

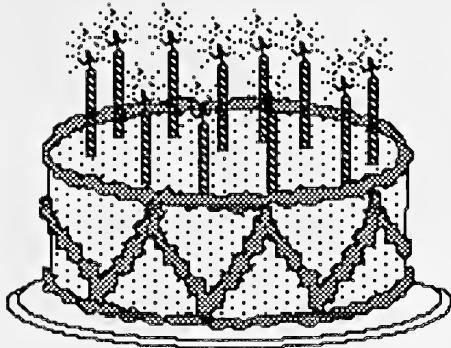
I am still excited about, but I must warn everyone of the negative aspect. Like some chemicals, it can leave residue and sometimes rusty spots. I gently brush off the residue

with a soft toothbrush. However, the rust spots are permanent.

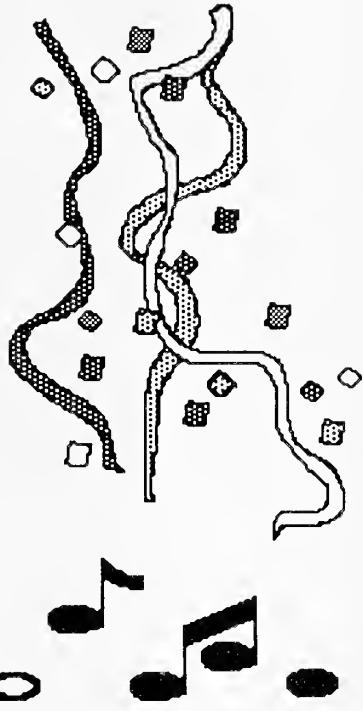
Another point I must make: when I spray the plants for powdery mildew, I only drench the affected areas. I do this over the sink. Then I make sure I dry the plant out of strong light including fluorescents.

I am going to experiment with a milder solution (more diluted) and hopefully find a way to minimize the side effects as mentioned above.

Kathleen Bell  
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Concord, NH 03301



*Happy  
Birthday  
Dear  
Violet !  
(Saintpaulia !)*



## African Violets Celebrate 100th Anniversary

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This year — 1992 — marks the 100th anniversary of the discovery of the African violet by non-Africans. Following is a brief centennial history of the development of the world's favorite house-plant:

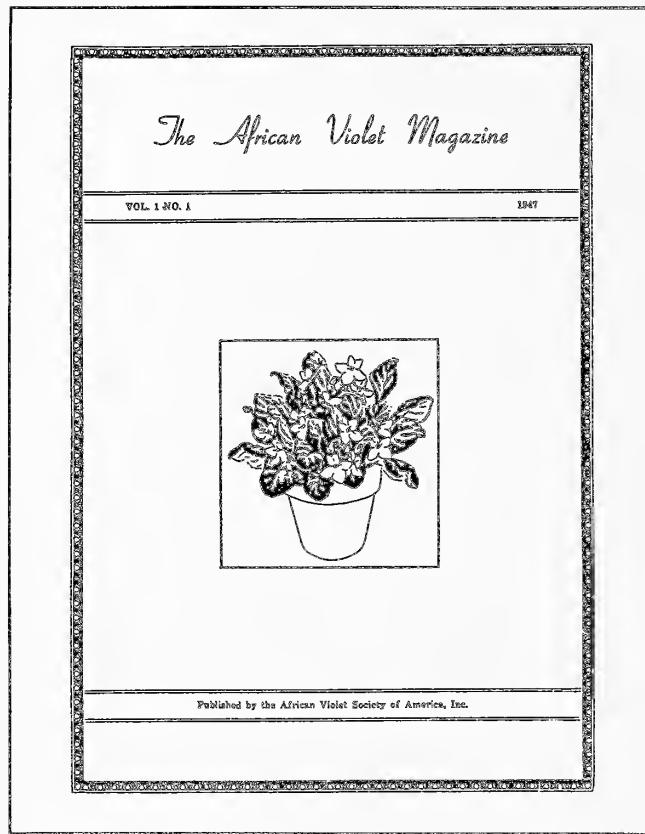
**1892** - Captain Baron Walter von Saint Paul sends specimens of plants he had discovered in what is now Tanzania to his father in Germany. In turn, these plants were given to Hermann Wendland of the Royal Botanical Gardens in Hanover, Germany. Wendland placed the plants in the Gesneriad family, and gave them the generic name, *Saintpaulia* (in honor of the Saint Paul family), and the specific name *ionantha* (with violet-like flowers). Actually, there were two species, *Saintpaulia ionantha*, and what was later called *Saintpaulia confusa*. Later investigation has produced a total of 20 original species.

**1893** - The seed house of Ernst Benary in Germany begins selling African violets commercially.

**1926** - Armacost and Royston of West Los Angeles, California, import seeds from Benary in Germany and Suttons in England. From these, 10 new hybrid varieties were introduced to the United States. These were 'Admiral,' 'Amethyst,' 'Blue Boy,' 'Comodore,' 'Mermaid,' 'Neptune,' 'Norseman,' 'Number 32,' 'Sailor Boy,' and 'Viking.'

**1939** - Ed Wangbichler introduces to the public a sport of 'Blue Boy,' a cultivar with double blossoms.

**1940** - Holton and Hunkel present another sport of 'Blue Boy,' the first pink African violet, which they named 'Pink Beauty.'



Vol. 1 No. 1

The African Violet Magazine - 1947  
12 pages - Black & White (7-1/8" x 10")

**1941** - A third sport of 'Blue Boy' is exhibited. This variety had what is now referred to as "girl foliage." The plant was called, appropriately enough, 'Blue Girl.'

**1942** - Peter Ruggeri's patient hybridizing produces the first pure white seedling, 'White Lady.'

**1946** - The African Violet Society of America is organized in Atlanta, Georgia, in conjunction with a show of African violets. An estimated eight to 10 thousand people visited the two-day show. Over 200 exhibitors came from 11 states.

**1947** - The African Violet Society of America publishes first magazine - sixteen pages. Ethel Champion crosses 'Frosty,' a variegated plant with 'Iowa,' a ruffled foliage plant, to get 'Silver Flute,' the first African violet with ruffled variegated foliage.

**1950** - Geneva Nurseries introduces 'Lady Geneva.' This variety had a purple blossom edged in white. About the same time, Geneva Nurseries introduces 'Miss Liberty,' the first true miniature hybrid.

**1952** - 'Purple Star,' with star-shaped blossoms is introduced. This type of blossom, with five petals of almost equal size, is generally larger than those of standard blossoms.

**1954** - Lyndon Lyon introduces the first double pink blossomed African violet, 'Double Bountiful' at the AVSA convention show in Atlanta, Georgia. At the same convention, Anne and Frank Tinari introduce trailing African violet hybrids, 'Sky Trailer,' 'Snow Trailer,' 'Star Trailer,' and 'Royal Blue Trailer.'

**1958** - Mrs. G. B. (Tommie Lou) Oden of Hattiesburg, Mississippi propagates a leaf from 'White Pride' which becomes 'Tommie Lou,' the basis of many of our variegated foliage African violets. Hermann Holtkamp of Isselburg, Germany, hybridizes the first African violets with single blossoms which are "non-dropping," or "stick-tite." These were later introduced in his "Rhapsodie" series.

**1961** - Anne Tinari registers 'Lilian Jarrett,' which originally had green foliage. Within five years, it mutates to its now distinctive mosaic variegation.

**1966** - The Council of the International Society for Horticultural Science designates The African Violet Society of America, Inc., as the International Registration Authority for the genus *Saintpaulia*.

**1984** - Reinhold Holtkamp and NASA send 20,000 African violet seeds into space, hoping that radiation and weightlessness will significantly alter the genes. It was planned for the seeds to be recovered within a year, but recovery was delayed until January, 1990 -- almost six years after liftoff. Sev-

eral thousands of the seeds germinated.

**1992** - The first public display of some of Holtkamp's "space babies" is at convention and show of the Dixie African Violet

Society in Memphis, TN. Nolan Blansit offers the first yellow African violets for sale at the AVSA convention in Columbus, Ohio.



*Photo courtesy of Charl Duncan, Capetown, South Africa  
and Emilie Savage*

### **Baron Walter Von St. Paul**

This year, 1992, marks the 100th anniversary of the discovery of the African violet (*Saintpaulia*).

Baron Walter von Saint Paul-Illaire, serving as Imperial District Governor of East German Africa (now Tanzania), in 1892 first realized the importance of

the purple flowering plants he had found growing among the Usambara Mountains in Africa.

He sent seed from these plants to his father, Baron Ulrich von Saint Paul of Fischback-Silesia, Germany, who immediately took an interest in the plants. He shared the discovery

with friends who were members of the Royal Botanic Gardens of Germany. A taxonomist, Hermann Wendland, director of the Royal Botanic Gardens, studied the individual characteristics of this unusual plant and concluded that an entirely new species had been discovered.

At the 1893 International Horticulture Show in London, African violet plants shared the center stage with another exotic plant — the orchid. Both plants were named the most exciting plants at the show.

The first African violets arrived in the United States somewhere around 1894, approximately one year after their introduction in Europe. A Philadelphia florist, W. K. Harris, obtained plants from a New York shop that had just received a shipment of the new discoveries.

Finding their way into a few homes by the early 1900s, the popularity lagged for many years because very little was known of their culture.

In 1927, Armacost and Royston Nursery in Los Angeles ordered seeds from England and Germany and began to develop new varieties that hobbyists would accept and be able to grow successfully.

Two of the first ten selected plants came from German seed and were given the names 'Blue Boy' and 'Sailor Boy.' The other eight plants were from English seed and were called 'Admiral,' 'Amethyst,' 'Commodore,' 'Mermaid,' 'Neptune,' 'Norseman,' Number 32, and 'Viking.'

African violets had become Americanized.

All of these "Original 10" varieties had blue, purple, or violet blossoms. As we celebrate the cen-

tennial anniversary of the African violets, tens of thousands of different varieties have been introduced since the humble beginnings and are available to growers throughout the world. African violets today have many different growing patterns ranging from the micro-miniatures to large standards to trailing va-

rieties. Blossom colors now range from soft to deep purples, multicolor, stripes (chimeras), pinks, whites, corals, edges of different colors, fantasies (speckled) and in this centennial year — the "elusive" yellow which will add colors only dreamed of by hybridizers and growers.



Courtesy of Ingrid Lindskog, Sweden

Photocopy of the Benary catalog and listing of the African violet - 1894

# Rules and Regulations For Use of AVSA Library Materials

*Including Complete Listing of Slide Programs and Packets*

RALPH BREDEN  
AVSA Library Chair  
127 Via Los Altos  
Redondo Beach, CA 90277

Library materials are available for use by AVSA members and affiliates in good standing, subject to the following rules and regulations:

## REQUEST FOR MATERIALS

Send requests to the AVSA Office, P. O. Box 3609, Beaumont, Texas 77704. If you do not have an AVSA order form please include in your request (1) Name of affiliate, (2) Name of person ordering and person's membership number, (3) Shipping address, (4) Name of slide program or packet, (5) Whether or not cassette (where available) is desired, (6) date to be shown. Order forms are included in shipment for future use.

## SLIDE PROGRAMS

1. Make request for reservation three (3) months in advance of date desired, with information outlined above. Give first, second and third choices of slide programs for each reservation date.

2. Slide programs are shipped using a special shipping box. Please use the special box to return the slide program to the AVSA Office, immediately after scheduled reserved date. Return by UPS or First Class Mail only. For First Class, we request that you insure the program for \$50.00. If you use UPS,

the package is automatically insured for \$100.00. For members in other countries: please return programs postpaid by the safest and most expeditious postal means available. A \$5.00 PENALTY WILL BE ASSESSED FOR ANY SLIDE PROGRAM NOT POSTMARKED WITHIN FOUR (4) DAYS AFTER SCHEDULED RESERVED DATE. Return programs to:

AVSA Office  
2375 North Street  
Beaumont, Texas 77702  
3. Special requests for two or

more slide programs for the same date may be made and will be filled whenever possible, but such requests are not encouraged because of the great demand for slide programs and the limited numbers available.

4. Cost of slide program with cassette is \$10.00; and cost of slide program without cassette is \$8.00. Only those slide programs in the descriptive list with a "(C)" after the titles have cassettes. Those programs may be reserved with or without the cassettes.

## DESCRIPTIVE LIST OF LIBRARY MATERIALS

**SECTION I - CONVENTION SHOWS:** Slide programs of outstanding exhibits at National Convention shows; especially entertaining for members not attending conventions.

- 143L "PHILLY FANTASY" (C) (80 SLIDES) — Best of the 1984 Philadelphia convention show entries - slides of African violets and related plants.
- 133L "AFRICAN VIOLETS, HOLLYWOOD STYLE" (C) (80 SLIDES) — Continue being entertained with prize-winning plants from 1985 Los Angeles Convention show, "Let Us Entertain You."
- 146L "STARS OF THE NORTH" (C) (80 SLIDES) — The award-winning violets exhibited at the 1986 St. Paul Convention.
- 148L "THE FLORIDA EXPERIENCE" (C) (80 SLIDES) — Slides of winning plants and designs displayed in the Sunshine State at Orlando, 1987.
- 138L "A GRAND REUNION" (C) (80 SLIDES) — Meet the best of award-winning plants and designs from the Reunion in Dallas, 1988.
- 162L "A ROYAL TREAT" (C) (80 SLIDES) — Kansas City, 1989 — be treated royally with slide projections of beautiful plants and designs.

163L "THE NEW ENGLAND SPIRIT" (C) (80 SLIDES) — Experience the best of the award-winning plants and designs displayed The New England Way, Boston 1990.

166L "VIOLETS IN THE GOLDEN STATE" (C) (80 SLIDES) — Award-winning plants and designs from the Santa Clara convention 1991.

167L "A CENTURY OF VIOLETS" (C) (80 SLIDES) — An exciting presentation of award-winning plants and designs from Violet Heritage and Horizons Columbus 1992. (Available Oct. 1)

**SECTION II - NEW INTRODUCTIONS:** A series of programs compiled from slides of new cultivars submitted by hybridizers and commercial members.

154L "WHAT'S NEW FOR '84-'85" (C) (99 SLIDES) — The best of the 1984-1985 introductions compiled by "Sundown" Pittman.

135L "FANTASIA" (C) (99 SLIDES) — Exciting new introductions 1985-1986 presented by "Sundown" Pittman.

149L "THE MAGIC SHOW" (C) (80 SLIDES) — 1986-1987 magical varieties collected and narrated by "Sundown" Pittman.

142L "ORANGE BLOSSOMS SPECIALS" (C) (80 SLIDES) — Slides of new cultivars in 1987. Submitted by hybridizers, amateur and commercials, compiled and narrated by "Sundown" Pittman.

141L "NEW RAYS OF HOPE" (C) (80 SLIDES) — The best of the new introductions in 1988; slides submitted by amateur and commercial hybridizers for compilation by RAY "Sundown" Pittman.

160L "FUTURE VIOLETS WITH A ROYAL FLAIR" (C) (80 SLIDES) — The 1989 contributions of new varieties submitted by amateur and commercial hybridizers. Program prepared and narrated with a flair by "Sundown" Pittman.

164L "BOSTON'S NEWBEAUTIES" (C) (80 SLIDES) — A capsule version of the "Beauties." Program prepared at the 1990 Boston convention by J. R. "Sundown" Pittman.

165L "NUGGETS AT THE GOLDEN STATE" (C) (80 SLIDES) — An abbreviated version of the new introduction program presented by "Sundown" Pittman at the 1991 Santa Clara, California convention.

168L "GEMS OF COLUMBUS" (C) (80 SLIDES) A collection of slides depicting the best new introductions at the 1992 Columbus, Ohio convention. (Available Oct. 1)

**SECTION III - AFRICAN VIOLET LIFE:** A series of slide programs relative primarily to African violet culture and related subjects.

147L "THE AFRICAN VIOLET PLANT" (77 SLIDES) A good basic program, identifying leaf types, blossom form and colors, and diseases that affect the foliage.

140L "MULTIPLYING SAINTPAULIAS" (65 SLIDES) Basic program on African violet propagation including leaf cuttings, plant division, seed and grafting. Slides show how to produce and plant seeds.

150L "THE PITTMAN WAY OF GROWING VIOLETS" (C) (84 SLIDES) A step-by-step visual program on growing and grooming miniature and semiminiature African violets.

153L "VIOLETS AND MORE VIOLETS" (79 SLIDES) A basic lesson for beginners on setting leaves, separating baby plants from mother leaf and dividing multiple crown plant including suggestions on potting, repotting a large plant and a way to treat a necky plant.

151L "THE SAINTPAULIA SPECIES" (79 SLIDES) A comprehensive, educational, workshop type program. Very thorough and somewhat technical. A dedicated work by Neva Anderson.

161L "POINTERS IN JUDGING" (C) (74 SLIDES) A revised version of workshop program for judges and exhibitors. Emphasis on grooming of plants in preparation for showing.

**SECTION IV - GESNERIADS:** Programs identifying African violet cousins, their care and propagation.

137L "GESNERIAD FAVORITES" (C) (75 SLIDES) A program donated to AVSA by the Houston Gesneriad Society...contains many beautiful plants with excellent culture and propagation information.

139L "MEET THE FAMILY" (C) (60 SLIDES) Avivid

look at some of the other members of the gesneriad family, compiled and narrated by Margaret Waguespack. An information program for those who want to broaden their growing horizons or for those who just want to "meet the family."

#### SECTION V - VIOLET PESTS AND DISEASES:

Slide programs identifying pests and diseases and the impact on African violet cultivars.

#### 132L "AFRICAN VIOLET PESTS" (C) (52 SLIDES)

A short program by Dr. Charles Cole with vivid illustration of common African violet pests.

#### 152L "VIOLET TROUBLES" (63 SLIDES)

Pests, diseases, and results of poor culture exhibited in the program. An oldie, but good basic information.

#### SECTION VI - SPECIAL PROGRAMS: Programs

demonstrating use of African violets in unusual applications.

#### 131L "AFRICAN VIOLETS IN ARTISTIC DESIGNS"

(60 SLIDES) A collection of arrangements and artistic plants using a Madonna or other accessory to enhance the design or to express theme of a class. Most slides are of award winners from shows. Basic design for beginning designers.

#### 134L "DESIGNS FROM OUR CHILDHOOD FANTASIES" (C) (64 SLIDES)

The beautiful design entries from the memorable convention/show held in Philadelphia in 1984. Includes many instructional comments.

#### 144L "SET THE SCENE WITH DESIGNS" (C) (60 SLIDES)

A stunning collection of the best designs entered in the 1985 Los Angeles convention/show. Not a "how-to" program, but one that will entertain and stimulate the viewer with designs of distinction, creativity, and originality.

#### 145L "SHOW OFF YOUR VIOLETS" (70 SLIDES)

A program showing many ways to use African violets for home decoration, party favors and table arrangements.

### PACKETS

1. Packets are loaned for a period of one month, as available.
2. Requests for two or more packets will be filled whenever possible.
3. Packets must be returned postpaid by FIRST, THIRD, or FOURTH CLASS MAIL.
4. Cost of each packet is \$3.00, and must be paid by check to AVSA at time of request.

### DESCRIPTIVE LIST OF PACKETS

155L JUST FOR FUN PACKET "A Violet Carol" Christmas skit in one act. A fun way to celebrate the holidays with a skit performed by your club members. This is an original skit written by Kent Stork of Kent's Flowers, Fremont, Nebraska and donated to the AVSA Library.

156L NEWSLETTER/MAGAZINE PACKET: This packet contains one sample from each entry exhibited at convention. Editors who wish to browse through other publications are urged to order this packet. Or, anyone desiring to start a newsletter or magazine would find this packet helpful. Includes a point score sheet on how the publications are judged.

157L PROGRAM PLANNING PACKET: Suggestions to help a program chair or commit-

tee plan the programs for a club's activities.

158L SHOW SCHEDULES PACKET: Show schedules of African violet shows from different sections of the country. Excellent for new ideas, and those clubs planning their first show.

159L YEARBOOK COLLECTION PACKET: This packet contains 12 yearbooks from various affiliate clubs. It contains one or more of the top prize winners from the recent AVSA convention competition. Especially recommended for clubs producing their first yearbook, and for those interested in submitting their yearbooks for competition. Includes point score sheets on how the yearbooks were judged.

# Uses for All Those Extra Plants Are Limitless!

BOB SANGER  
3700 Ponce de Leon Blvd.  
Sebring, FL 33872

My greatest enjoyment in violets is growing them from leaves, seeds, suckers, potting, repotting, etc. I indiscriminately cross pollinate plants and sometimes get a seedpod.

Eventually it gets kind of crowded, and the following is a little detail of a year in the life of a violet enthusiast.

Last May, I regretfully had to curtail a lot of my activities, not being able to drive at night, among other things. This meant leaving the Mid-Polk AVS, a fine group of people.

That same month, I ordered 18 leaves of new varieties through an ad in the AVM, and had great success in growing them. My shelves were very crowded and I started trying to figure out what to do about it.

During September of every year, retired employees from my old company have a big reunion in Florida. For several years we have taken violets to be used in our free raffle, and last year was no exception.

During early fall, one of the women in our development, formed an organization to run a rummage sale for charity. It seemed a good cause and several of my better plants were donated. Most were purchased by the workers before the sale opened, at my full suggested prices. We could have sold more if I had them.

Then my old club had their spring show and I donated several plants and lots of leaves to them. This helped them a bit, and it was nice to talk with everyone again.

After that, there was an invitation to judge in Tampa (probably my last one), and several leaves were taken to this show to be passed around.

Then there was a notice in the paper about a Garden Club show in our county, where anyone could exhibit, whether you were a member or not. I entered 10 violets, won 10 blue ribbons and the sweepstakes. I also donated several violets to their sales table. They told me that the violets sold before anything else.

While I was talking with some of the members of the Garden Club, I discovered that a speaker for bromeliads had cancelled for their next meeting, so I asked them whether a talk on African violets would help them. I talked to an audience of over 100 people and donated several plants to their raffle, and again the violets went first.

## Helpful Hint for Raising Miniatures —

The large green plastic trays I purchased for growing and wick watering my collection of miniature violets are made with deep grooves and the bottoms are bowed such that it is impossible to keep small pots in a truly upright position.

My solution to this problem was to purchase a plastic grid ceiling panel used as a diffuser for fluorescent light fixtures. These two foot by four foot panels (about \$6.00 from Home Depot) can be cut with a hack saw or other fine blade saw to fit the bottom of the trays and will yield four pieces to fit four large trays.

I found pushing the wicks through the grid openings to be time consuming and an unsatisfactory method of watering. Therefore, I cup capillary matting the width of the panel pieces and about

Recently we had a major illness in the family and we found out what a great development we live in. Several people brought food dishes, to the house. So, when we returned the dishes, a violet accompanied the dish. They were greatly appreciated by the people who received them, but not as much as we appreciated their effort.

The cost — it's negligible, as the only thing I have to buy is the components for the soil mix, fertilizer, and string for wicks. Someone is always giving me pots from bedding plants that they have purchased.

With the exception of the foregoing paragraph (hopefully), I will continue all of these activities during the coming year, except that the Garden Club entries will be for exhibit only so that someone else can win something.

I have already ordered 18 new leaves.

So, there are many ways and means to give away your plants. To me it is simply something I very much enjoy and get a lot of satisfaction out of doing it.

eight to 12 inches longer. Fold the ends of the matting material beneath the panels. These ends then can soak up the water in the tray and will keep the entire surface evenly damp. Set your small pots with wicks through the bottom drain hole onto the now flat and evenly moist platform and watch your plants thrive. Check each plant occasionally to ensure the wick is in contact with the matting and the plant is getting its share of the water.

Even in the hot and dry interior valley of California, I fill the bottom of the trays with water no more than once a week. I add water to just beneath the top surface of the grid panel when the matting starts to dry out. It works for me and my miniatures in my own shop-made, furniture grade light stands.

SAM ANGELICO, Harford, CA

# Ten very useful tools—

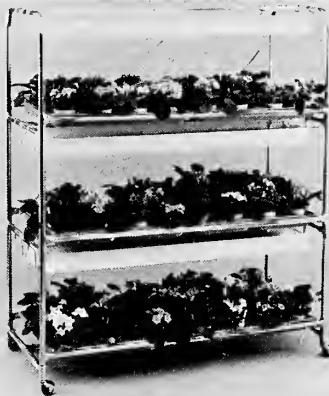
MARGARET V. JARRATT  
120, Oakchurch Place, SW  
Calgary, Alberta, Canada T2V 4B5

1. **Chemical stir stick:** I use this for everything — every time I repot, transplant babies, remove suckers, etc. I bought my metal one from Ronn Nadeau, but any university bookstore will have them.
2. **Cuticle remover:** A handy gadget for removing overgrown cuticles — but I find this is the best thing going for removing suckers, especially on minis.
3. **Toe-nail clippers:** Great for that blob on the bottom of pots — one snip and presto — no more wobbly!
4. **Locking tweezers:** You can get these from any store that sells electronic equipment — great for removing dead petiole and blossom stubs from show plants.
5. **Styrofoam plates:** — with centers cut out — they make great leaf supports. They are cheap and can be used many times.
6. **Meat baster:** These are great for watering tiny, tiny plants or where you have to measure the amount of water given.
7. **Thread spool:** Wooden ones are available in craft stores. Glue a piece of dowel in one end and you have a great tool for tamping down the soil around plants. Great for terrariums and other hard to reach places.
8. **Bathroom silicone:** This is not a tool, but a handy tip — when holes develop in plastic seed trays, spread the silicone to seal the hole and you can prolong their life.
9. **Plastic drinking straws:** These are great for supporting violet blossom stems in design. Just be sure they cannot be seen.
10. **Plastic medicine cups:** They make super plugs for sinks, or with a hole made in the bottom, they make great tiny pots for siningias. Available from any medical supply store.

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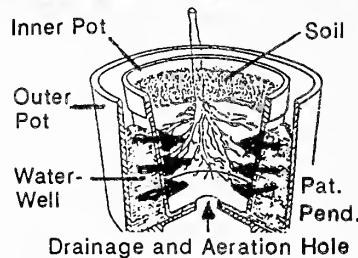
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## PLASTIC TRAYS - No Holes

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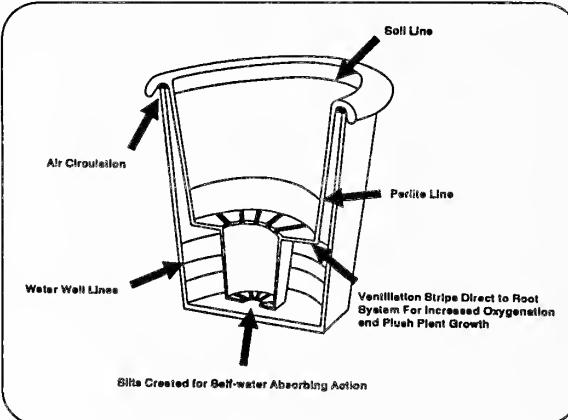
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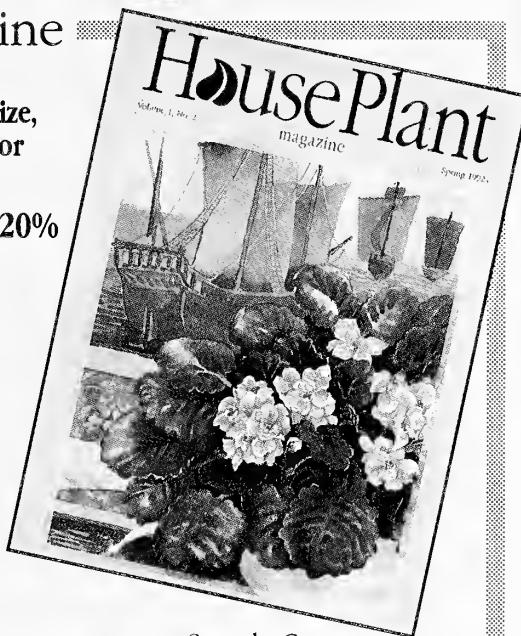
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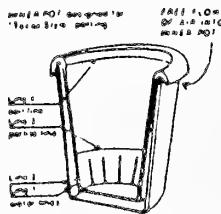
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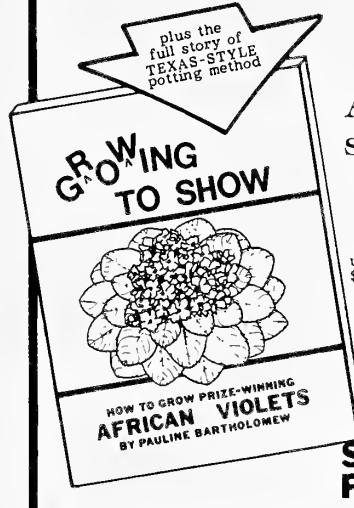
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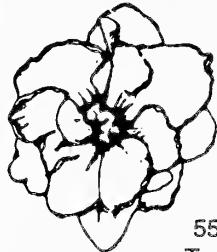
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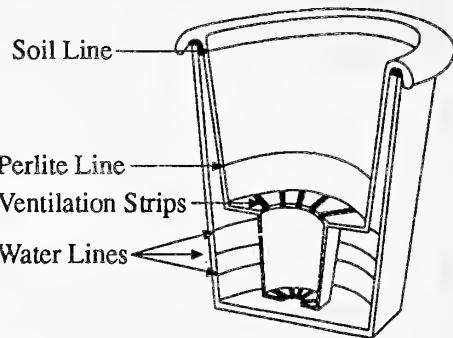
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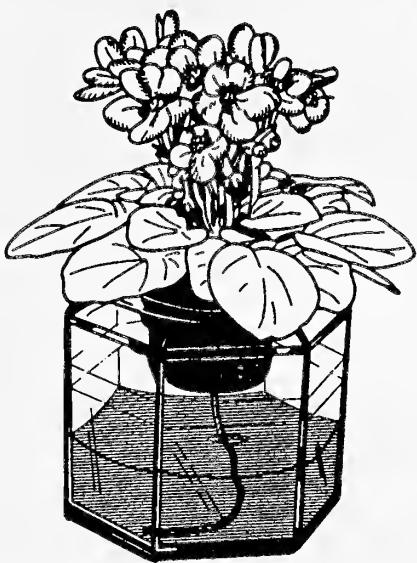


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2-1/2	Wh or Gr	RS or SQ	1.40	2.35	5.00	9.00	37.00
3	Wh or Gr	RS/RT/SQ	1.70	3.15	7.00	13.00	55.00
3-1/2	Wh or Gr	RT or SQ	1.95	3.60	8.25	15.00	65.00
4	Wh or Gr	RS/RT/SQ	2.40	4.25	9.50	17.25	76.00
4-1/2	Wh or Gr	RS/RT/SQ	2.60	4.75	10.50	19.00	86.00
5	Wh or Gr	RS or RT	3.10	5.70	13.00	23.00	105.00
6	Wh or Gr	RS or RT	3.85	6.75	15.50	29.00	130.00
6-1/2	Wh or Gr	RT	4.35	7.75	17.75	33.00	
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8	Wh or Gr	RS or RT	8.00	15.50	36.00	*SEE NOTE	

\*For more than 50 of 6-1/2", 7" & 8" pots send for special quote.

"Type" note: RS (round standard) = height & top width are equal  
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# African Violet

*The magazine exclusively dedicated to the growing of beautiful African violets.*

September • October 1992

Volume 45

Number 5



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The African Violet Magazine (ISSN 0002-0265) is published six (6) times a year: January, March, May, July, September, November. Second class postage is paid by The African Violet Society of America, Inc., a nonprofit organization, at 2375 North Street, Beaumont, TX 77702 and at additional mailing offices. Subscription \$15.00 per year which is included in membership dues.

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**LIBRARY:** Order AVSA slide programs and packets from AVSA Office, P. O. Box 3609, Beaumont, TX 77704. List in July issue. If you have ideas for a library program or slides to donate, write Ralph Breden, 127 Via Los Altos, Redondo Beach, CA 90277.

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**ARTICLES by Members & Columnists:** Send to Editor.

**COMING EVENT NOTICES:** Send to Editor.

**\*Please Note: Deadlines - Articles, Columnists & Coming Events:** Jan. issue - Oct. 1; Mar. issue - Dec. 1; May issue - Feb. 1; July issue - Apr. 1; Sept. issue - June 1; Nov. issue - Aug. 1.

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# African Violet MAGAZINE

Vol. 45 No. 5

September • October 1992

Every attempt is made to keep articles technically correct. Since the growing of fine African violets can be achieved in many ways, the methods and opinions expressed by writers are their own and do not necessarily reflect the opinion of AVSA.

**ON THE COVER — Four little beauties (clockwise from the top) NESS' MINI SOTA, NESS' ELFIN MAGIC, NESS' FIREFLY (Best New Introduction at the Columbus (OH) 1992 Convention), Jean and Don Ness, Midland Violets, White Bear Lake, MN; and ROB'S DANDY LION, Ralph Robinson, Rob's Mini-o-lets, Tonawanda, NY.**

Photo by T. A. Eiter, Columbus, OH

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56. R & M Marketing  
56. Rob's Mini-o-lets

## S

54. Schultz  
60. Shirley's House of Violets  
52. Sonja's Violets

## T

59. Teas Nursery  
53. Travis' Violets  
Back Cover  
- Tinari Greenhouses

## V

56. Violet Creations  
63. The Violet Express  
61. The Violet House  
60. Violets by Appointment  
54. The Violet Showcase  
56. Violets Plus  
58. Volkmann Brothers

## Z

64. Zaca Vista Nursery

Trouble with an advertiser? Write your AVM Advertising Manager giving complete details. While AVSA cannot assume responsibility for advertisers, we try to help resolve the problem. If an advertiser is found irresponsible, they will be refused future ads.



## FROM THE PRESIDENT'S DESK

Dear Members,

Hope you all had a wonderful summer, travelling, visiting or even just staying home is great. Having fun is hard work.

Membership has always been a big challenge in most organizations, and if it's not membership, it's getting members to attend the meetings.

Enticement — is the word. Something or someone is needed to create the enthusiasm and interest for the people to attend or participate in the organization. For instance, if your club were to have a display of yellow violets or an outstanding speaker, I'm sure everyone would attend the meeting and even, perhaps, bring along a friend, a prospective "new member" who might become interested in African violets also.

I know that most affiliates have a difficult time acquiring new members and there is a certain amount of turnover in the membership. We are so thankful that we have those people who are so dedicated that they keep things going regardless of what's happening to the membership and (you know who you are) have been president several times. These people are the backbone of AVSA.

AVSA has purposely enlarged the AVM to venture into a new area of distribution through the open market of newsstands and bookstores. The larger size is to conform with the standard size of most magazines. Why is AVSA doing this? There are thousands of people out there growing African violets who do not know that AVSA or even local affiliates exist to help them grow and show and enjoy their plants. AVSA hopes we will all benefit from this decision to increase the size of the AVM.

AVSA will also be looking for advertisers of related products which pertain to growing, propagating, watering devices, greenhouses and of course, the latest new introductions of African violets and gesneriads. AVM can now offer color ads if preferred, at very reasonable rates.

I am sure that some of you have or have had experience in advertising solicitation of ads; or, at least, knowledge of proper procedure in approaching accounts for their ads.

I am not asking that you take on the entire job — just that you share your knowledge and expertise by being a member of the advertising committee. AVSA would greatly appreciate your participation and help. Please contact AVSA's new Advertising Manager, Diane Richardson, 9207 Ravenwood Road, Baltimore, MD 21237 or phone 410-686-4667, for more details, if you would like to be of service to AVSA.

To those of you who have donated so graciously and generously to AVSA funds, I would like to take this opportunity to thank you on behalf of AVSA's Boyce Eden's Research, Booster, Friends of AVSA and Building Fund. They all contribute to a very important part of AVSA's activities.

Don't forget to mark your calendar for the convention in Lancaster, PA on April 19 - 24 in 1993. We're going to have a great time.

Sincerely yours,

  
A. Charles Bollar

## NEWSLINE:

### AVSA Beaumont Office ...

NANCY LAWRENCE  
AVSA Office Manager

#### HOW TO DETERMINE WHAT YOU NEED TO HAVE AN UPDATED JUDGES HANDBOOK:

##### A brief history of the Judges Handbook

- In 1986 AVSA printed a **yellow** handbook
- In 1990 AVSA printed **updated pages** for the 1986 handbook
- In 1990 AVSA also printed an updated 1990 Handbook
- In February of 1992, we ran out of the 1990 Handbook. Many members needed a handbook to prepare for judging schools; so, we had to update and print a 1992 handbook, even though we knew that more changes would be made in April at the Columbus Convention. For this reason, we now have a new handbook and **TWO DIFFERENT SETS of UPDATED PAGES.**

#### WHAT TO ORDER

##### The Handbook You Have

The Handbook You Have	Order
1. 1986 yellow handbook <b>WITHOUT</b> the 1990 updated pages	1992 handbook - \$9.95 and the 1992 updated pages - \$1.50
2. 1986 yellow handbook <b>WITH</b> the 1990 updated pages	1992 updated pages - \$4.00
3. 1990 (ivory) handbook	1992 updated pages - \$4.00
4. 1992 (ivory) handbook purchased before July 1992.	1992 updated pages - \$1.50
5. No book	1992 handbook - \$9.95 and the 1992 updated pages - \$1.50

We realize this has been a confusing situation and we regret any problems you may have experienced; however, we hope you will consider our side of the story. When we printed the 1990 updated pages for the 1986 book, we thought most of our judges would order them; instead, more of you ordered the 1990 handbook. For this reason, we ran out of handbooks before we ran out of updated pages.

##### JUDGES LIST:

If you are a judge, and your name was not on the list, it could be that your membership or your judges certificate has expired.

- If your membership expired, contact the office.
- If your judges certificate expired, contact the Shows and Judges Chairman: Bill Foster, 3610 Gray Drive, Mesquite, TX 75150.
- For any other problem concerning your listing, contact Bill Foster.

The office needs Bill Foster's approval to reinstate a judge or to change the status of a judge.

##### MASTER VARIETY LIST #6:

The MVL #6 is taking longer to complete than we anticipated. We expect it will be ready for shipping in October.

We are putting your orders for the MVL #6 on computer and depositing your payments. When the books arrive in this office, your orders will be shipped without further delay.

##### A SPECIAL THANK YOU:

One of our Japanese members, Mr. Kazuo Horikoshi, sent us a beautiful tablecloth and luncheon mats with lovely violets in the design.

Mr. Horikoshi also wrote to say how much he enjoyed the Columbus Convention and the opportunity to, "talk with many old and new friends." Mr. Horikoshi is the Secretary for the Japan International Saintpaulia Society (JISS) in Tokyo.

We appreciate your lovely gift, Kazuo, and we will think of you when we use it for special occasions at the AVSA office. We look forward to seeing you again, next year, at the Lancaster (PA) Convention.

# Jane's Journal

Jane Birge, Editor

The power of the press — it always amazes me. In my last column I ran a poem submitted by **Don Thornburg** of California and mentioned that since I was using his poem, the least he could do was send me a flag from his state, considering the largest number of AVSA members hail from the "California Republic." Well, almost immediately I received the beautiful state flag of California, and, a few days later, our illustrious AVSA president, **Charlie Bollar**, also sent me a flag from California; therefore, Charlie, since you and **Ava**, travel so much, you are my most likely source for more flags! I know you spend a lot of time in Nevada, and just recently, spent a great deal of time in Oregon, and I don't have either of those state flags ... hint, hint.

**Angelika Brooks** of Big Sky Violets sent the lovely flag from the "Big Sky" country of Montana, and a very nice note, complete with a brief history of Montana. She says that Big Sky Violets is located in the middle of the Flathead Indian Reservation and because of the sparse population, there are only four African violet clubs which are hundreds of miles apart. Thank you, Angelika, and I will proudly place the state flag of Montana on the AVSA mantelpiece.

**Irene Merrell** of Oconomowoc, WI has even suggested a better idea — she not only sent a flag from Wisconsin, but also one

from Iowa, her native state. They are both beautiful and I thank you Irene for the flags.

I'm kind of embarrassed about not having a flag from Indiana represented (my home state), but maybe **Richard** or **Anne Nicholas**, of Evansville, Indiana will send me one ... hint, hint.

I received a letter from **Evelyn Spracklen** of Douglas, Wyoming, asking me what size of flag I wanted and did I have one from Wyoming. The small desk flags (about 6" x 4") are the best, and, no, I don't have one from Wyoming ... hint, hint. Just, please, whatever, you do, don't get carried away like **Debbie Griffith** of Colorado, did and send me a huge, regular size flag like they fly at postoffices and schools! Yikes! I would have to have wall-to-wall mantelpieces to accommodate those! (Debbie did send me the smaller version, so I'm all fixed with Colorado.)

Enough about flags — just keep them coming in. They look great and are quite a conversation piece for visitors. Don't worry about duplicates, the more the merrier.

**Barbara Goodsell** of Glenview, IL sent a very nice note about the new size of the magazine and had a great suggestion for getting more articles from the members. She says each AVSA affiliated club should get on the ball and have their members send in something, even if it's a

little blurb. Good idea, Barbara, and I'm sure there are enough growers out there who would like to share their growing experiences. As we expand into bookstores and newsstands, our new, potential members are interested in getting information on growing this favorite houseplant, and what a better way than the shared wisdom of our members. So, dust off the old typewriters or plug in the word processor and let me hear from you.

**Marilyn Evensen** of the Metropolitan St. Louis AVC has sent a letter and list of many, many back issues of the AVM that the club is selling as a fundraiser for the 1995 AVSA convention to be held in St. Louis. Anyone interested can contact Marilyn at 532 Kingridge Dr., Ballwin, MO 63011-2748. This is a great way to complete your set and help this very dedicated club.

Last, but not least, my old friend, **Barbara Elkin**, 2855 Gayle Lane, Auburn, CA 95602, is looking for some of those Sylvania Spot of Sun plant lights. She says, "they come in white or green and have a hold-down switch on the top. It has a round 22 watt circline lamp in the top of the bowl. It is 15" high, 9" wide, and 11-1/2" deep. They are just the thing for dark corners in bathrooms."

If anyone knows where Barbara can find these, please let her know.

Have a great fall!

# The AVSA SPOTLIGHT is on ...

## Viola Tucker

Ohio State African Violet Society

In matters *Ionantha*, the Buckeye State can boast of only two Master Judges, one of whom we call Viola. More formally known as Mrs. Leroy Tucker of Columbus, Ohio, this long-time violet enthusiast came to us some years after graduating from the University of Illinois. It was during her pursuit of a course of study as a mathematics major, that she met her future husband whom she married two years after graduating. His career as a Civil Engineer took them to several locations around the country, before finally bringing them to Columbus where he joined the faculty at Ohio State University.

Her affair with our captivating little cultivar began about the time that her family was ready to leave the nest, and sprang forth as a consequence of a gift from a friend. A late start, perhaps, but the association has been unswerving ever since.

Her *Saintpaulia* collection, in the early days, was supported largely by trading pussywillow slips for new plants at a nearby nursery. Indulging twin passions of reading and violet culture, as she does, Viola has come a 'fer piece' since those long ago days of bestowing loving care upon her first violet. However, as an enthusiast, she is still growing and showing, and still winning!

She avows that the gesneriad with which she won best plant award at Kingwood this fall, was inadvertently left at the show an extra day; and not as an effort to get a higher award! We don't know about this; but we do know that she is competitive.

All too infrequently we encounter a person with whom we feel an instant rapport; and trust with a full measure of confidence. Viola is such a person. To meet her is to like her; and to know her is to admire her. She has one great-grandchild; is a grandmother of five, and a mother of three. In addition to her role as a homemaker and mother, she has been a tireless entity with OSAVS for many years. One of her most outstanding contributions has been her 30-year stint as a contributing editor to our "Violet Connection." Terms of president and vice president were also a part of her OSAVS service. She wears her aura of notoriety with an easy aplomb, and modestly disdains any claim to accolades.

In spite of all that she has behind her, her attention was firmly focused this year in support of our 1992 convention. It takes a lot of personal time and effort to support our societies. When you consider that it takes a minimum of three years to become a judge; another six years to become a senior judge; and another 15 years to take

possession of the certificate of a master judge, you begin to get an idea of the time and effort expended on behalf of our violet clubs by members of Viola's dedication.

Small wonder that we have only two of this stature in the state of Ohio. As mom used to say, "They just don't grow on trees!"

We are fortunate indeed in that we do have dedicated people who will do the job; and we have been especially blessed with the contribution of Viola. "She who was ever fair and never proud, had tongue at will and yet was never loud."

*Marian and George Covel*

## AVSA Booster Fund

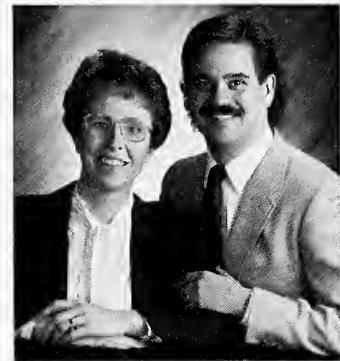
RUTH WARREN  
P. O. Box 3664  
Fall River, MA 02722

AVSA thanks all contributors to the Booster Fund. Your continued caring and sharing help to provide for some of our needs that are not included in the AVSA budget. Keep those contributions coming; together we will all be winners.

Pied Pipers .....	\$10.00
Corky Reichmann .....	15.00
Eleanor R. Gohr .....	5.00
Mrs. Kazuko Matsuyama .....	10.00
Mrs. Kazue Sakuma .....	10.00
Spring Branch AVC .....	25.00
Linda Neumann .....	10.00
Louisiana Council/AV Judges ..	45.00
Quad City AVS .....	100.00
Suburban AV Enthusiasts .....	10.00
Windsor AVS .....	25.00
Illinois AVS .....	25.00
Pat Hayes .....	25.00
Silvermine AVS in lieu of speaker's fee to Marge Fargeot .....	25.00
Balto AVC, in lieu of judges fee to Janey Redell Craig,	
D. P. James .....	30.00
Patricia Nalley .....	5.00

# BEGINNERS COLUMN

KENT & JOYCE STORK  
2501 East 23rd Avenue  
Fremont, Nebraska 68025



## Life on the Edge ... Growing Variegated Foliage

African violets with variegated leaves can be a spectacular sight. There is great beauty in foliage that exhibits colors like cream, pink, yellow, white and lavender, in addition to the basic shades of green. Some growers like them because "they are pretty even when they aren't in bloom." On the other hand, beginning growers often experience some problems in getting these plants to thrive, and just enjoying the foliage isn't really that satisfying! There are several extras that variegated violets seem to need to perform as well as their all-green sisters.

### WHAT EXACTLY IS VARIEGATION?

Plants of all kinds are green due to the pigment chlorophyll which is found within plant cells. Variegation is the genetic tendency of certain African violets to produce uneven amounts of this green pigment, resulting in foliage that shows other contrasting colors. Any color blossom can be found above variegated foliage, and many hybridizers seek to combine blossom colors with complimentary variegated foliage to create new effects.

Often, the variegated portion of the foliage is found just

around the edges of the individual leaves. This is generally termed "Tommie Lou" variegation. For the most part, plants with this type of variegation trace their ancestry back to a violet named Tommie Lou, which had sported to green-and-white foliage from the green-leaved White Pride. Occasional violet hybrids may have variegation running down the spine of the leaf or scattered across the leaf. "Crown variegation" refers to those varieties which have a lighter greenish pattern in the crown of the plant which disappears as the leaves mature.

In all of these cases, the lighter areas do not have as much of the chlorophyll that is found in the green part of the leaf. These variegated areas are apparently less capable of producing chlorophyll. The chlorophyll absorbs light and converts it into chemical energy. This is the basis for the process of photosynthesis.

### THE SIGNIFICANCE OF NITROGEN AND BACTERIA

Nitrogen is needed by green plants to produce chlorophyll. Air is about 79% nitrogen and is one source from which plants can draw this important nutrient. Soils can also contain nitrogen, especially when it is added

in the form of fertilizer.

This nitrogen cannot enter the plants through the roots in its raw form however. Plants often depend on **bacteria** which lives in the soil and on the roots to process the nitrogen into oxygen-nitrogen compounds called nitrates. Nitrates are in a form which the plant can then absorb through the roots, carry into the cell cytoplasm, and use to manufacture the green pigment called chlorophyll. Bacteria is very important to plant growth!

This may sound rather complicated, but understanding the value of bacteria and its relationship to nitrogen is very important to understanding how to control variegation in African violets so that the plants can still thrive.

### LESS CHLOROPHYLL MEANS LESS ENERGY

The cells without chlorophyll are not able to produce chemical energy for the plant, thus they tend to make the plant less efficient. When an automobile engine is less efficient, it tends to waste fuel, go slower, and eventually die. Violets react the same way. The grower has to "tune up" horticultural skills in order to get the expected per-

formance.

All of the basic elements of good growing have to be a little closer to perfect, because variegated plants are more sensitive to poor conditions, and have less ability to thrive when a grower makes a mistake.

A lack of energy in an African violet is also going to result in a lack of something else: blossoms! And, face it, no matter how lovely variegated foliage might be, we do expect our violets to produce abundant blooms.

Real mastery comes when the grower also learns how to control the amount of variegation on the foliage, so that there is always enough chlorophyll in the plant to sustain it, but there is still enough variegation present to please the eye.

## CONTROLLING THE BASICS

Every Beginner's Column seems to come back to basics. But, even if you're bored, here we go again. The basics are critical to healthy growth which leads, in turn, to blooming.

All violets, and especially variegated ones, need about 12 hours of light daily. This needs to be very bright, but not hot. Variegated violets grown in low light do not have the ability to produce enough energy to bloom. Very often, they will become spindly and lose outside leaves.

All violets need to be watered evenly and need to have humidity in the air around them. Variegated plants use water in the same way as the solid green foliage and there are not many differences here.

All violets need to be grown in light, airy soil. Since the air in

the soil is one way that nitrogen contacts the bacteria and becomes useful as a nitrate, it is important to expose roots to air within the soil medium. The airy soil is also useful in allowing hair roots to grow without resistance.

All violets need to be fed. This is especially important with variegated violets. The green portions of the leaf must be well supported with nutrients so that they are able to operate as efficiently as possible. If the plant is "starving" there will be less chlorophyll produced and thus less energy produced. Remember, the light portions of the leaf depend on the green sections to sustain them. That's what "life on the edge" is all about.

Don't forget, along with nutrients, the pH factor of the soil must be maintained at about 6.8 in order to allow the nutrients to be absorbed by the plant.

## THE CRITICAL FACTOR OF TEMPERATURE

All violets thrive when grown at moderate temperatures. Variegated violets, however, are especially sensitive to temperature changes. This is at least partly due to the fact that the bacteria in the soil is more active in warmer temperatures. Hot bacteria is busy bacteria! (Now, aren't you glad you understand how bacteria make nitrogen into nitrates for plants to use?!) When the bacteria is more active, it makes more nitrates available to the plant.

Variegated violets grown in warm temperatures have more active bacteria about them, and thus plenty of nitrates are available. When this happens, even the less-efficient variegated

portions of the leaves begin to produce some chlorophyll and they become greener. Plants grown in these conditions may appear to lose their variegation entirely.

When variegated plants are grown in cooler temperatures, the opposite happens. Cold bacteria is lazy bacteria! With less active bacteria, there are fewer nitrates available, and thus less chlorophyll is produced. The overall effect is that the plant becomes more variegated and less green is evident. Ultimately, the plant may lose all of its green color. This beautiful effect often means eventual death. It's sort of like falling off the edge.

## CONTROLLING THE AMOUNT OF VARIEGATION

Ideally, a variegated violet should have enough interesting markings to please the eye, while sustaining enough green to support growth. The trick for the grower is to recognize when a plant has reached that balance, and to master the art of encouraging and discouraging variegation to maintain that balance.

One way to control variegation is to control the temperatures at which the plants are grown. Most variegated hybrids will keep a good balance of color when grown at 72 degrees (Fahrenheit). Growing them warmer usually produces more green, and growing them cooler produces more variegation. If you live in an area with cold winter temperatures, you will probably need to place variegated plants up on higher shelves where the air tends to be warmer. If you must live with

extremely warm summer temperatures, you will probably find that the plants show better variegation when kept on lower shelves where the air is somewhat cooler.

Another way to control variegation is through fertilizing. Some growers prefer to use fertilizers with very little nitrogen (5-50-17 is one formulation that is specifically recommended for variegates). This may be of use in areas where temperatures are so warm that the soil bacteria is able to produce all the nitrates needed just using available air. In cooler areas, this formulation may cause plants to become too variegated and thus weak.

When plants are showing too much variegation (especially in cool areas), the bacteria may be too inactive to process nitrogen efficiently. Foliar feeding (a process of spraying nutrients directly onto the foliage) can be used to add nitrogen to the leaf cells. This results in increased production of chlorophyll and greener leaves. Most fertilizers can be applied in this way, but our favorite is to use fish emulsion (yes, it does smell BAD) at a rate of about 1/16 teaspoon to a quart of very warm water. Apply this by misting the surface of the leaves thoroughly. Keep them out of direct sunlight while the leaves are wet. A drop of dishwashing liquid can be added to reduce spotting on the leaves.

#### **SELECTING VARIEGATES**

Just as with any other violet hybrids, one does need to be somewhat selective in choosing variegated African violets for one's collection, especially for

those with limited growing space as well as for beginners who are still tentatively experimenting. Different plants will perform in different ways depending upon the growing conditions to which they are exposed.

Individual hybrids will have specific genetic capacities when it comes to degrees of variegation exhibited. Cultivars which may perform wonderfully for those in warm climates may variegate too heavily for those who grow in cool climates. And conversely, cultivars that just variegate nicely for those in cool areas may very well not show any variegation for growers in warm areas.

As a beginner, it might be wise to seek out the advice of other growers in your area for good reliable variegates. After mastering the care of these plants, then it might be fun to venture forth and experiment with a host of other available variegates.

#### **PROPAGATING VARIEGATED VARIETIES**

Just as green hybrids can be propagated by leaf cuttings, so can variegated. There are a few tricks to successfully getting strong babies, especially in cooler climates.

First of all, when choosing a leaf from the variegated plant to put down, avoid heavy variegation. Remember that variegation is a genetic tendency and even if a leaf is showing no variegation, it carries the genes. Mostly green leaves will be much stronger in surviving and producing plantlets.

All leaves seem to root faster and produce clumps faster when the soil is somewhat warmer than average. Variegated leaves

will benefit from being placed in an area where the temperatures are in the mid to upper 70s.

When plantlets appear, watch them closely for variegation. If the babies are too white, in spite of your attempts to keep them warm, foliar feeding may help them to survive.

We have found that it is most helpful to foliar feed the plantlets just after separating them from the clump. We then place them inside a closed clear plastic bag for a month or so, until they begin to show more mature growth.

Notice that we are recommending that every effort be made to encourage young plants to grow as green as possible. As they mature, they will develop the characteristic variegation, and at a time when they will have the strength to support it.

#### **BEAUTIFUL**

Even though variegated African violets really are weaklings genetically, they can be incredibly beautiful. When all the conditions are met, and the balance of variegation is controlled, the plants are capable of lovely blooming habits as well.

Growing variegates may at times seem like living on the edge, having to balance out cultural conditions a little more carefully. But in the end it is certainly well worth the effort, because you can enjoy your variegates for more than just their foliage. Get out there on the edge!

**AVSA Memberships  
Make Great Gifts!**

# *In Memory*

**GORDON BOONE** — Following a long, courageous fight with cancer, Demetrius Gordon Boone died on July 23, 1992. Gordon was born on June 21, 1945 to Dolly and Gordon Boone in Shenandoah, Iowa. His father worked at a plant nursery and his mother loved house plants and garden flowers.

At the age of 11, Gordon won his first horticulture blue ribbon for a display of sweet peas he had grown.

Five years later, he was entering flower shows and winning more blue ribbons.

In 1966, Gordon moved to La Dubonnet, Canada, where he built and operated a geranium greenhouse. Quickly his geranium hybrids grew in popularity and the business became the largest of its kind in Canada.

While in Canada, Gordon was introduced to African violet expert Ernie Fisher who began mentoring the young Iowan in the intricacies of African violet hybridizing.

Gordon's father became seriously ill in 1977 and Gordon returned to Iowa to be with his family. With him he brought many fresh African violet seeds which he planted at his new job at Red Oak Nurseries in Red Oak, Iowa.

After proving some of these early seedlings, he released them through Kent's Flowers, then at Arlington, Nebraska. In the following years, Gordon's

plants have been introduced by Kent and Joyce Stork. Many of these have been exhibited nationally by the Storks, garnering many awards. Three of them, 'Garnet Halo' (November 1988 AVM); 'Champagne Halo' (March 1991 AVM); and 'Outrage' (March 1992) have been featured on the covers of the African Violet magazine.

Gordon was a "thinking" hybridizer who had a reason for everything he did. He loved large blooms with sharp, vivid colors over foliage that was naturally symmetrical, but he also was concerned about strength and vigor. Two particular goals he never lost sight of were cultivars that were heat tolerant and mildew resistant.

In 1984, Gordon moved to Oklahoma City and worked as head grower for Cooper's Plant Mart, until his illness became too debilitating.

The crowning achievement for his hybridizing efforts came in 1988, when he received the Bronze Medallion from The African Violet Society of America. Following the presentation in Dallas, I delivered the medallion to Gordon's hospital room in Oklahoma City. Tears welled up in his eyes as he held the medal in his hands. He gently stroked his fingers across the face of the award and said, "This is wonderful... so wonderful."

Gordon Boone was a man who was sensitive and genuinely cared for others. He carried on

correspondence with many African violet friends and was always ready to share ideas. His quick, friendly smile and gentle demeanor endeared him to all who met him. He touched lives around him, but was also able to draw strength from those he admired.

For those of us who knew Gordon well, we can say from the inner depths of our hearts: Thank you, Gordon, for touching our lives as you did and for leaving all of us a legacy of living beauty and the desire for perfection.

Goodbye, good friend. Goodbye.

*David Buttram  
Independence, MO*

**MARY (GERT) BUCKLEY** — of Wantagh, New York died June 21. She was 79 years old and had been active in African violets for over 20 years. She was a member of Heritage AVS of Long Island, Long Island AVS, New York State AVS, AVSA, and the Metropolitan Regional Council of AV Judges.

Gert was very active in her local clubs serving both groups as president and show chair and on many committees. She was also the MRC Treasurer for a number of years. A registered nurse from 1933 until her retirement in 1978, Gert actively participated in both horticulture and design. She was always supportive of novice growers and instrumental in encour-

aging first-time design exhibitors.

Those attending the 1984 AVSA Philadelphia convention will recall the beautiful four-part painting of the Pied Piper that formed the backdrop for the court of honor. This was the work of Gert's artist husband Paul, with Gert responsible for the staging.

Long Island and New York have lost a warm, loving, and witty friend and colleague.

*Edward Bradford  
Woodhaven, New York*

**JEAN DOLAN** — of Meriden, CT, died June 16, 1992, after a brief illness at the age of 90.

In 1961, Jean co-founded Thimble Islands AVS of Branford, CT and remained an active member for many years. At one time, Jean had been the Historian for Nutmeg State AVS. She owned and operated the Violet Room in Branford, where she grew hundreds of beautiful violets for show and sale.

Jean was a commercial grower from 1964 to 1978. Anyone stopping by her shop to buy a violet, always stayed a little longer to talk with Jean about the nature of violets.

There are many people whose lives were touched by this warm and gracious lady; she will be missed by all who knew and loved her.

Jean is survived by her sons, Genard, Timothy, and Harold, and daughter, Janet Lassy. Memorial contributions may be sent to Hospice Community Services, 1 King Place, Meriden, CT 06450.

*Madeline Clem  
Branford, CT*

#### **ROBERT E. SHEPHERDSON**

— died January 9, 1992, after an extended illness. He was a member of the Beloit (WI) Green Thumb AVC and also a member of the African Violet Fanciers, Inc., in Rockford, IL.

Bob was very active in both clubs and grew beautiful African violets, along with his wife, Jeanette. He was an advanced AVSA judge and served on the Wisconsin Council of AVSA Judges.

He will be dearly missed by his family and friends. He was a resource and an inspiration to his fellow club members.

*Cynde Lere, President  
Beloit Green Thumb AVC*

**ESTELLE M. TAYLOR** — died on May 29, 1992, after a lengthy illness. She was 87.

At one time having over 700

varieties of African violets in her home, she was known as an avid African violet grower.

Estelle was one of the founders of Central Jersey AVS and was a member of the Union County Chapter of AVSA, Tri-state AV Council and the New York State AVS. She attended many national AVSA and NY state conventions. She was always generous with her time in giving lectures and in giving leaves and baby plants to any prospective member she met.

She will be greatly missed.

Estelle is survived by a son, Raymond E. Dupre; daughter-in-law, Marge; a sister, Dorothy Ours; a granddaughter, Linda and a great-granddaughter.

*Helen R. Ryan, President  
Central Jersey AVS  
Christine Brenner, President  
Union County Chapter of AVSA*



**AVS OF GREATER TULSA (OK) recent show winners were Jimmy Marquez, design sweepstakes; Rita Linkswiler, best trailer, *Honey Bun Trail*, and runner-up in sweepstakes (horticulture); Juanita Carpenter, best miniature, *Mickey Mouse*; Linda Bjorkman (holding) queen of show, *Natchurly Nawlins*, best semimini, *Pat Champayne*, best collection, *Bertha, Pink Confession, Strawberry Ripple*, sweepstakes; and Pat Sutton, second best artistic design. The theme for the show was "Violets Thru the Looking Glass."**

## WORD SEARCH

### *"No Shrinking Violets Are We!"*

by Iris Keating

Hidden in the pattern in horizontal, vertical or diagonal lines are 44 favorite African violet varieties.

BECKY	NORTEX SNOWKIST HAVEN
BERTHA	OMAHA
BOGEYMAN	OPTIMARA ROSE QUARTZ
CHIFFON PRINT	OREGON TRAIL
CONCORD	OTOE
DEANO	OUTRAGE
EVERDINA	PAYDIRT
FALLING SNOW	PHANTOM FLASH
HAPPY CRICKET	PICASSO
HECTOR	PIXIE BLUE
HURON	PRECIOUS PINK
LITTLE PRO	QUILTING BEE
MARK	RED FERRARI
MARY CRAIG	ROSEBERRY
MARY D	ROYAL HALO
MAGIC	SEDONA
MAJESTIC	SNUGGLES
MELODIE KIMI	THE KING
MICKEY MOUSE	TIGER
MILKY WAY TRAIL	TOMAHAWK
MS PRETTY	TOOCH
NEBULA	WEE BE



## Attention Affiliates

New Affiliate Chair:

**Bob Green**

997 Botany Lane  
Rockledge, FL 32955

Write to Mr. Green for information on shows, awards, how to organize a chapter or membership questions.

## Attention: Advertisers

The new Advertising Manager for the *African Violet* magazine is:

Diane Richardson  
9207 Ravenwood Road  
Baltimore, MD 21237  
(410) 686-4667 (evenings)

**Support AVSA  
Commercial Members**

## Remember the Boyce Edens Research Fund

Send contributions to:

Marlene Buck  
P. O. Box 38  
Oreland, PA 19075

# Creating ... with Fredette



IRENE FREDETTE  
1545 Whitney Avenue  
Hamden, CT 06517

**Q:** *Can pollen be stored? If so, what is the best way of keeping it?*

**A:** Pollen can be stored, but success depends on the type of pollen. There are two types: binucleate, in which each pollen grain contains two nuclei, and, trinucleate. Most plant families have binucleate pollen, but trinucleate pollen has been reported in plants such as cacti, cannas, geraniums, and some grasses. It is short-lived under all conditions, but keeps best at relatively high humidity and temperatures above freezing. I assume that your interest is in pollen from Saintpaulia and other members of the Gesneriaceae family and if you are dealing with binucleate pollen, you will find its keeping properties are fairly good for periods up to one year if properly stored. Freezing prolongs the life of binucleate pollen. Collect the pollen in a small open vial and nest this in a slightly larger vial containing a little silica gel to keep the pollen dry. Place this set of vials into a larger tightly closed container such as a pint jar, also with dry silica gel, and keep the jar in the refrige-

tor in the freezing compartment. The reason for the double protection is to keep moisture from condensing on the pollen whenever you open the jar. Before you freeze fresh pollen, keep it in the sealed jar at room temperature for several hours to reduce its moisture content so that it doesn't burst when frozen. Storing pollen is a valuable asset for the plant breeder when the pollen and seed parents bloom at different times; but for one who is working with African violets, it is much easier to use fresh pollen which is always available and abundant.

**Q:** *Will you please briefly review some information on dominants and recessives which I need to know as a beginning hybridizer?*

**A:** A gene is said to be dominant because it shows up when present and covers up the recessive gene which is subordinate to it. A reader wrote to say: "I have lovely blossoms on a plant with unruly ruffled foliage. If I use a plant with plain foliage as the seed-bearing parent, will all my seedlings have the mother's foliage and the father's blossoms?"

The answer is: "No! Expect the ruffled foliage to show up because this is a dominant trait." Though the following list is by no means complete, it should suffice as a general guide for most crosses:

**DOMINANT:**

Double blossoms  
Geneva edge  
Fringed  
Girl foliage  
Ruffled foliage  
Watermelon foliage  
Longifolia  
Blue or purple  
Dogwood bloom

**RECESSIVE:**

Pink  
Blush  
Red  
Coral  
White  
Star  
Spooned foliage

\*I have purposely omitted "fantasy" blossoms because there seems to be some divergence of opinion here. Dr. Sheldon Reed, a noted authority on genetics of the Saintpaulia, classifies "fantasy" as being recessive in his Genetic Check List. However, Bill Johnson listed this trait as being dominant. In my crosses, I have found the fantasy pattern asserts itself with frequency, but not in all crosses.

**Q:** *Did the "sticktite" or non-dropping single blossom originate as a sport?*

**A:** Not exactly. Double flowers which arose as mutations were subsequently crossed with the single "droppers." The presence of the dominant doubleness gene keeps flowers from dropping. Today's cultivars which

appear to be single often carry the gene for double flowers, but have been selected for minimal expression of it. Thus, you often find that a plant with single flowers may produce a blossom or two with an extra small petal at its center — a reminder that doubleness is part of its genetic background.

Q. Though I usually get quite a few plantlets from each leaf, my business is expanding

beyond my ability to fill all orders. Is there any way I can push the most popular varieties into producing more plantlets?

A. Tissue culture may be your best answer. Specialists can produce hundreds of plantlets from a portion of a leaf and the cost is minimal. This is not a project you can easily do yourself since it does require expertise and a contaminant-free environment.

## SHOW TALK

DARRYL HOOVER  
912 S. Highland Ave., Apt. C  
Fullerton, CA 92632

(EDITOR'S NOTE: Due to the large volume of spring show writeups, some articles that were sent in will not appear until the November/December 1992 issue.)

To ensure each exhibitor and exhibit receives the recognition they deserve, please either print or type your results on the reporting form. Once you've completed the Show Talk report, please double check your spelling. I can check hybrids through the MVL; however, individual names require me to contact the particular affiliates show chair. This may delay the publishing of your show results.

Please include a self-addressed stamped post card with your report. This will allow me to acknowledge receipt of your report and allows me to inquire with the affiliate should the need arise.

**JEFFERSON AV ASSN, LA** — "Wish Upon a Violet," Barbara Rome, chair. Winners: Best AVSA collection, *Grandma's Zach, Makin' Romance, Tiger*; best in show & best semiminiature, *Precious Pink (sm)*, 2nd best of show, *Tiger*, best single, Opt. *Wisconsin*, best trailer, *Pixie*

*Blue*, sweepstakes (horticulture), **Gail Borne**; 2nd best AVSA collection, *Painted Sunrise, Christmas Candy-O, Magnolia*, best design, "A Thanksgiving Wish," **Al & Genelle Armstrong**. Best miniature, *Petite Jewel, Lee Jaunet*. Best gesneriad, *E. Cleopatra, Marjorie Blake*.

**CENTRAL FLORIDA AVS** — "Violets are Magic," Peggy Nolles, Mary Juby, cochairs. Winners: Best in show, *Wee Be (sm)*, best semi, *Wee Be, Claire Stanton*. Second best in show, *Wrangler's Dixie Celebration, Catherine Boxberger*. Best design, "Hypnotized Rope," **Peggy Nolles**. Best trailer, *Rainbow's Weeping Pixie, Evelyn Briggs*. Best miniature, *Jobo*, best gesneriad, *Stringid Ruffled Wood Nymph, Patti Schwindt*. Sweepstakes (horticulture), **Mary Juby**. Sweepstakes (design), **Dorothy Parchment**.

**AVS OF MINNESOTA** — "In Tune with Violets," Fay Drewianka, chair. Winners: Best AVSA collection, *Little Pro (sm), Snuggles (sm), Dolled Up (sm)*, best in show, *Little Pro (sm)*, best miniature, *Timid Teen*, best

semi, *Little Pro, Elizabeth Frigstad*. Second best AVSA collection, *Ness' Viking King, Something Special, Snow Rose, Palma Trapp*. Second best in show, *Nortex's Snowkist Haven, Ken Rein*. Best design, "Let Me Call You Sweetheart," **Faith Drewianka**. Best trailer, *Sunnyvale Trail, Marie Flotterud*. Best gesneriad, *Kohleria bogotensis*, sweepstakes (horticulture), **Jude Neumann**. Sweepstakes (design), **Fay Drewianka, Donna Tobin, Palma Trapp** (3-way tie).

**HERITAGE AVS OF LONG ISLAND, NY** — "The Final Frontier," Bob Kustek, chair. Winners: Best AVSA collection, *Roseberry, Miyuki, Genessee Silhouette*, best in show, *Roseberry*, second best in show, *Spunky Trail*, best design, "Genesis," best trailer, *Spunky Trail*, best miniature, *Optimara Little Moonstone*, best semi, *Missie Miss*, sweepstakes (horticulture/design), **Anne Lee**. Best gesneriad, *Episcia Cleopatra, Harriet Weinstein*.

**UNION COUNTY CHAPTER, NJ** — "Storytime for Violets," Faith Perrin, Chris Brenner, cochairs. Winners: Best AVSA collection, *Optimara Hawaii, Medicine Man, Sedona*, best in show, *Optimara Hawaii*, second best in show, *Garnet Elf*, best trailer, *S. pendula*, sweepstakes (horticulture), **Marjorie Crosby**. Second best AVSA collection, *Optimara Rose Quartz (m), Optimara Little Crystal (m), Optimara Little Apatite (m), Muriel Lawrence*. Best design, "A Child's Garden of Verses - Foreign Lands," best semi, *Precious Pink*, best gesneriad, *Episcia Ember Lace, Jill Fisher*. Best miniature, *Optimara Rose Quartz, Walther Ott*. Sweepstakes (design), **Marion Mossberg**.

**AVA GARDENERS, FL** — "Discoveries," Bob Green, chair. Winners: Best AVSA collection, *Ezekiel's Wheel, Heavenly Rays, Rob's Swizzle Stick (sm chimeras)*, best in show, *Kiwi Dazzle*, second best in show, *Moonlight 'n' Pink, Jim Boyer*. Second best AVSA collection, *Raspberry Reunion, Ms. Pretty, Shockwave*, sweepstakes (horticulture), **Jackie Williams**. Best design, "Aztec Treasures," sweepstakes (design), **Bob Green**.

Best trailer, *Lambs' Ears*, **Paula Nowell**. Best miniature, *Snuggle Bear*, **Barbara Robinson**. Best semi, *Little Katherine*, **Alyce Droege**. Best gesneriad, *Nautilocalyx pemphidius*, **Lois Sprayberry**.

**ROCKY MOUNTAIN AVC, CO** — "Violets and Other Fantasies," Cat Balliu, chair. Winners: Best AVSA collection, *Magic Blue* (sm), *Precious Pink* (sm), *Rob's Fiddle Faddle* (sm), best in show, *Precious Pink*, best trailer, *Wood Trail*, best semi, *Precious Pink*, **Betty Margetts**. Second best AVSA collection, *Cutie*, *Cherry Glo*, *Rob's Soliloquy*, sweepstakes (design), **Nelly Levine**. Second best in show, *Sedona*, best miniature, *Merrilee*, sweepstakes (horticulture), **Debbie Griffith**. Best design, "Mythical Fantasy: The Enchanted Forest," **Shirley Mitchell**. Best gesneriad, *Stringia Glinda*, **Thelma Foster**.

**FIRST AUSTIN AVS, TX** — "Amazing Discoveries," Dolores Gibbs, chair. Winners: Best AVSA collection, *Ness' SnoFun* (sm), *Ness' Angel Eyes* (sm), *Wee Hummer* (sm), best in show, *Other Delights*, best design, "Ponce de Leon Seeks the Fountain of Youth," best trailer, *Beacon Trail*, best gesneriad, *Aeschynanthus Hildebrandtii*, **Dolores Gibbs**. Second best AVSA collection, *Apache Warrior*, *This Bud's Mine*, *Apache Warbonnet*, second best in show, *Apache Warbonnet*, best miniature, *Petite Jewel*, best semi, *Dancing Teen*, sweepstakes (horticulture), **Aloha Rhodes**. Sweepstakes (design), **Pat Freeman**.

**GREEN THUMB AVS, AR** — "The A, B, C's of Violets," Ruby Pope, chair. Winners: Best AVSA collection, *Wrangler's Dixie Celebration*, *Optimara Molokai*, *Lela Marie*, best in show, *Wrangler's Dixie Celebration*, best design, "Nursery School," best miniature, *Rob's Soliloquy*, best semi, *Ness' Frosty Belle*, best gesneriad, *Episcia Unpredictable-Valley*, sweepstakes (design and horticulture), **Ruby Pope**. Second best AVSA collection, *Optimara Glacier*, *Optimara Virginia*, *Ming Blue*, second best in show, *Show Stopper*, **Anna Mae Buckle**. Best trailer, *Pink Star Lou*, **Donita Shreve**.

**THE DELAWARE AVS** — "Musical Violets," Bessie Pyle, Betty Gregg, cochairs. Winners: Best AVSA collection, *Happy Cricket*, *Nortex's Snowkist Haven*, *Picasso*, best in show, *Happy Cricket*, second best in show, *Picasso*, best trailer, *Blooms Away*, best miniature, *Golden Girl*, best semi, *Precious Pink*, best gesneriad, *Columnnea Early Bird*, sweepstakes (horticulture), **Bessie Pyle**. Second best AVSA collection, *Precious Pink* (sm), *Snuggles* (sm), *Tip Top* (sm), **Betty Gregg**. Best design, dish garden, sweepstakes (design), **Beryl Wood**.

**THE FIRST AVS OF DALLAS, TX** — "Violets' Spring Symphony," Margery L. Clive, chair. Winners: Best AVSA collection, *Rob's Little Butterfly* (sm), *Rob's Nearly Perfect* (sm), *Little Pro* (sm), best in show, *Rob's Little Butterfly*, best trailer, *Rob's Sticky Wicket*, best semi, *Rob's Little Butterfly*, **Martha Turner**. Second best AVSA collection, *Coral Kiss*, *Majestic*, **Mary Craig**, **Paula Foster**. Second best in show, *Alpha Charlie*, best design, "Moonlight Sonata," sweepstakes (horticulture), **Mary Alice Barta**. Best miniature, *Rob's Soliloquy*, **Glendel Dixon**. Best gesneriad, *Episcia Cleopatra*, **Grace Davis**. Sweepstakes (design), **B. Foster**.

**BALBOA PARK AVS, CA** —

"Violets in Paradise," Mary Isham, chair. Winners: Best AVSA collection, *S. grandifolia* #237, *S. diplosticha punter* #0, *S. pendula kizare*, second best in show, *Ness' Sizzling Pink*, best gesneriad, *Episcia Emerald Green*, sweepstakes (horticulture), **Anne Stewart**. Best in show, *Little Pro* (sm), best miniature, *Optimara Little Azurite*, best semi, *Little Pro*, **Beulah O'Neal**. Best design, "Violets in Eden," sweepstakes (design), **Virginia Myrick**, **Barbara Wallace** (tie). Best trailer, *Ramblin' Ruby*, **Lois Cornish**.

**DIXIE AVS** — "Rollin on the River with Violets," Peggy Adamson, chair. Winners: Best AVSA collection, *Picasso*, *Louise Constant*, *Party Print*, second best in show, *Magnolia*, **Gerri Goins**. Second best AVSA collection, *This Bud's Mine*, *Magnolia*, *Ragusa Special*, **Josie Ragusa**. Best in show, *Fisherman's Paradise*, best semi, *Irish Flirt*, **Thad Scaggs**. Best trailer, *Teen Trail*, **Bev Promersberger**. Best design, "Great American Pyramid," **Mary Loewer**. Best miniature, *Little White Clouds*, **Barbara Strock**. Best gesneriad, *Nautilocalyx*, **Denise Lindsly**. Sweepstakes (horticulture), **George McDonald**. Sweepstakes (design), **Iona Pair**.

**RICHMOND AVS, VA** — "Rediscovering Violets," Barbara Peter-



**AN OVERVIEW OF THE COURT** of the Metropolitan St. Louis AVC's 38th annual show, "One Hundred Years of Violets," with Carolyn Burr, show vice-chair and Marilyn Evensen, show chair.

son, chair. Winners: Best AVSA collection, *Happy Teen* (sm), *Snuggles Busy Bee* (sm), *Precious Pink* (sm), best in show, *Lipstick and Lace* (sm), best semi, *Lipstick and Lace*, sweepstakes (horticulture), **Alice Grundy**. Second best AVSA collection, *Rhapsodie Alice*, *Old Dominion Sparkler*, *Yasuyo Sport*, best design, "Africa's Cultural Heritage," best gesneriad, *Episcia Blue Nice*, sweepstakes (design), **Barbara Peterson**. Second best in show, *Harbor Blue*, **Bill Schmidt**. Best trailer, *Dancin' Trail*, best miniature, *Snuggle Bear*, **Sharon Long**.

**SAN MATEO COUNTY AVS, CA** — "Violets Sail the Ocean Blue," **Celine Chase**, chair. Winners: Best AVSA collection, *Happy Teen* (sm), *Precious Pink* (sm), *Magic Blue* (sm), best in show, *Petite Pat* (sm), second best in show, *Happy Teen*, best miniature, *Mickey Mouse*, best semi, *Petite Pat*, sweepstakes (horticulture), **JoAnna Behl**. Second best AVSA collection, *Dode, Mark, Ness' Viking Maiden*, **Celine Chase**. Best design, "Sailing West to the East," sweepstakes (design), **Heather Morgan**.

**AVS OF NORTHERN ILLINOIS, INC.** — "A Picnic with Violets," **Adelle Johnson**, chair. Winners: Best AVSA collection, *Irish Flirt* (sm), *Little Pro* (sm), *Disco Doll* (sm), best miniature, *Lucky Lass*, **Karen Santari**. Second best AVSA collection, *Quilting Bee*, *Apache Land*, *Irish Kiss*, best in show, *Apache Land*, sweepstakes (horticulture), **Adelle Johnson**. Second best in show, *Rob's Silver Spook* (sm), best semi, *Rob's Silver Spook*, **Gayle Kaherlein**. Best design, "Roxinia," **Anita Friari**. Best trailer, *Cirelda*, **Anna Jean Landgren**. Best gesneriad, *Nauilocalyx pemphidius*, **Elaine Gordon**.

**MIRACLE STRIP AVS, FL** — "America the Beautiful," **Edward G. Woody**, chair. Winners: Best AVSA collection, *Wrangler's Dixie Celebration*, *Coral Kiss*, *Party Animal*, best design, "Pioneers," sweepstakes (design), **Lucile Wasson**. Second best AVSA collection, *Fredette's Bourbon Mist*, *Glad Rags*, *Wrangler's Jealous*

*Jewels*, best in show, *Fredette's Bourbon Mist*, **Farris Simmons**. Second best in show, *Rob's Silver Spook* (sm), best miniature, *Rob's Romancer*, best semi, *Rob's Silver Spook*, sweepstakes (horticulture), **Edward G. Woody**. Best trailer, *Rusty's Trail*, best gesneriad, *Episcia Country Brilliance*, **Elaine Andreolas**.

**ORANGE COUNTY AVS, CA** — "Violets go to the Cats," **Ed Hoefer**, **Dorothy Kosowsky**, cochairs. Winners: Best AVSA collection, *Definitely Darryl* (sm), *Little Pro* (sm), *Ness' Red Flash* (sm), second best in show, *Kiwi Dazzle*, best trailer, *Comet Trail*, best miniature, *Pee-wee Nocturne*, best semi, *Ness' Red Flash*, sweepstakes (horticulture), **Darryl Hoover**. Second best AVSA collection, *Bertha*, *Pink Lady*, *Granger's Wonderland*, best design, "Lions Mane," sweepstakes (design), **Ed Hoefer**. Best gesneriad, *Nauilocalyx glandulifer*, **Leonard Re**.

**NORTHSTAR AVC, MN** — "Violets: A Hundred Year Love Affair," **Ruth Bann**, **Lorraine Nelson**, **Carol Seaburg**, cochairs. Winners: Best AVSA collection, *Ness' Midnight Fantasy*, *Granger's Desert Dawn*, *Ness' Sizzlin Pink*, best in show, *Ness' Sizzlin Pink*, sweepstakes (horticulture), **Jim Graf**. Second best AVSA collection, *Ness' Viking Maiden*, *Ness' Shirley's Delight*, *Optimara Maui*, best trailer, *Dancin' Trail*, **Lorraine Nelson**. Second best in show, *Louise Croteau*, **Marcia Prince**. Best design, "1892 - From the Mountains of Tanzania," **Ruth Bann**. Best miniature, *Ness' Angel Blush*, **Sandy Miller**. Best semi, *Ness' Sno Fun*, **Caroline Fleisch**. Best gesneriad, *Episcia Kee Wee*, **Retha Johnson**.

**BERGEN COUNTY AVS, NJ** — "Easter Parade," **Lorraine Dwyer**, chair. Winners: Best AVSA collection, *Sapphire Halo*, *Garnet Halo*, *Pink Blueberry*, best in show, *Sapphire Halo*, best design, "Easter Remembrance," **Frank Senna**. Second best AVSA collection, *Betcha*, **Mark**, *Wrangler's Spanish Cavalier*, best miniature, *Merrilee*, best semi, *Kid Karla*, sweepstakes (horticulture), **Antoinette Rogan**. Second best in show, *Woodland*

*Sprite*, **Florence DiLiberti**. Best trailer, *Snowy Trail*, **Lee Borey**. Best gesneriad, *Chirita eburnea*, **Lois Buschke**.

**ALPHA AVS OF DALLAS, TX** — "Poetry in Bloom," **Kathleen Tompkins**, chair. Winners: Best AVSA collection, *Bertha*, *Frosted Whisper*, *Mignon's Moment*, second best in show, *Bertha*, **Grace Davis**. Second best AVSA collection, *Kiwi Dazzle*, *Pensi Pride*, *Splendiferous*, best design, "The Swing," **Blanca Fuster**. Best in show, *Louise Constant*, sweepstakes (horticulture), **Kathleen Tompkins**. Best trailer, *Trail Along*, best miniature, *Petite Jewel*, sweepstakes (design), **Ileana Lopez**. Best semi, *Winnergreen*, **Suzanne Roberts**. Best gesneriad, *Episcia Kee Wee*, **Janice Davidson**.

**MASTER CITY AV & GESNERIAD SOCIETY, GA** — "Violets Pet Shop," **Sharon Miles**, chair. Winners: Best AVSA collection, *Georgia Lover*, *Astral Peace*, *Carnival*, best in show, *Deep Sky*, second best in show, *Georgia Lover*, **Z. H. Arostequi**. Second best AVSA collection, *Snuggles Little Dreamer* (sm), *Precious Pink* (sm), *Ness' Angel Eye's* (sm), best miniature, *Ness' Angel Blush*, best semi, *Pat Champagne*, sweepstakes (horticulture), **Jean Wright**. Best design, terrarium, sweepstakes (design), **Angelika Selman**. Best gesneriad, *Sinningia April Snow*, **J. Cumpton**.

**ALBUQUERQUE AVC, NM** — "A Century of African Violets," **Joy Tallant**, chair. Winners: Best AVSA collection, *Dorothy Parker*, *Reindeer Games*, *Raspberry Frenzy*, best in show, *Dorothy Parker*, second best in show, *Wrangler's Ghost Riders*, **Estella Minnich**. Second best AVSA collection, *Tinari's Vibrato*, *Tinari's Allegretto*, *Tinari's Andante*, **Peggy Staat**. Best design, "Progressing with the Tinari's 1933 - 1992," sweepstakes (design), **Joy Tallant**. Best trailer, *Rob's Stocky Wicket*, sweepstakes (horticulture), **Jo Ellen Bowden**. Best semi, *Rob's Candy Apple*, **Pat Rowton**. Best gesneriad, *Episcia Kee Wee*, **Cal Iskra**.

**CENTRAL JERSEY AVS** —

"Babes in Bloom," Janice Murasko, chair. Winners: Best AVSA collection, *Optimara New Mexico*, *Peach Jubilee*, *Chris Leppard*, best in show, *Optimara New Mexico*, second best in show, *New Creation's Black Jack*, **Dale Jasaitis**. Second best AVSA collection, *Heritage Frolic* (sm), *Lil Tease* (sm), *Snuggles Little Dreamer* (sm), best design, terrarium, best trailer, *Blue Elf*, best semi, *Snuggle's Little Dreamer*, sweepstakes (combines), **Jan Murasko**. Best miniature, *Mickey Mouse*, **Helen Ryan**. Best gesneriad, *Streptocarpus Blueberry Dream*, **Tom Cieslik**.

**SUNDOWNERS AVS, LA** — "Reminiscing with Violets," Naomi Sanchez, chair. Winners: Best AVSA collection, *Kathe Denise*, *Lela Marie*, *Harbor Blue*, **Phyllis Harris**. Second best AVSA collection, *Bertha*, *Joelle*, *Optimara Louisiana*, second best in show, *Joelle*, sweepstakes (horticulture), **Sophie Martin**. Best in show, *Tomahawk*, **Norma Flynn**. Best design, natural garden, best trailer, *Sapphire Trail*, best gesneriad, *Streptocarpus Lavender Lace*, **Noami Sanchez**. Best miniature, *Snuggle Bear*, **Basil Wicker**. Best semi, *Snuggles*, **Anita D' Antoni**.

**CEN-TEX RAINBOW AVC, TX** — "Wonderful World of Violets," Maxine S. Garlick, chair. Winners: Best AVSA collection, *Rob's Firebrand* (sm), *Rob's Little Butterfly* (sm), *Ness' Sno Fun* (sm), best semi, *Honey Pink*, sweepstakes (horticulture), **Joydale Smith**. Second best AVSA collection, *Fantasy Frolic*, *Rhapsodie Claudia*, *Midnight Romance*, best in show, *Casper Ghost*, second best in show, *Midnight Romance*, **Effel Randall**. Best design, "Asia: Japanese Garden," **Brenda Clark**. Best trailer, *Meek's Katy Baby*, **Sheri Deloach**. Best miniature, *Petite Jewel*, best gesneriad, *Sinningia regina*, **Joanne Rogers**. Sweepstakes (design), **Maxine Garlick**.

**AFRICAN VIOLET FANCIERS, INC.** — "African Violets go Environmental," Florise Hogan, chair. Winners: Best AVSA collection, *Picasso*, *Optimara Harlequin*, *Optimara Trinidad*, second best in show,

*Wee Be* (sm), best design, "Birds," best trailer, *Rainbow's Weeping Clown*, best miniature, *Petite Jewel*, best semi, *Pat Champagne*, sweepstakes (horticulture and design), **Florise Hogan**. Second best AVSA collection, *Tomahawk*, *Granger's Desert Dawn*, *Fantaiste Florale*, best in show, *Fantaiste Florale*, best gesneriad, *Episcia Chocolate Soldier*, **Lucille Losiewski**.

**FIRST AVS OF WICHITAFALLS, TX** — "Country Violets," Allene Peek, chair. Winners: Best AVSA collection, *Pride of Columbus* (sm), *Optimara Little Navajo* (sm), *Optimara Little Blackfoot Girl* (sm), **Sue Ramser**. Second best AVSA collection, *Lucky Lass* (m), *Optimara Rose Quartz* (m), *Optimara Little Opal* (m), best trailer, *Sunnyvale Trail*, sweepstakes (horticulture), **Mary Nell Klimek**. Best in show, *Teen Dream* (sm), best semi, *Teen Dream*, best gesneriad, *Columnea Snakecharmer*, **Joanie Seeger**. Second best in show, *Denim Halo*, best miniature, *Optimara Little Amethyst*, **Allene Peek**. Best design, "Country Rock Garden," **Anita Mills**. Sweepstakes (design), **Mary Walbrick**.

**GULF AVC, FL** — "A Rainbow of Violets," Eleanore West, chair. Winners: Best AVSA collection, *Ness' Chatty Kathy*, *Ness' Silver Cypress*, *Harbor Blue*, best in show, *Snowy Trail*, second best in show, *S. Sigi Falls*, best trailer, *Snowy Trail*, best gesneriad, *Episcia Pink Brocade*, sweepstakes (horticulture), **Lillian Scott**. Second best AVSA collection, *Irish Flirt* (sm), *Lovely Linda* (sm), *Ness' Sugar Bear Blues* (sm), best miniature, *Sprite-ly*, best semi, *Playtime*, **Myrtle Schneller**. Best design, "Fountain of Color," sweepstakes (design), **Eleanor Duerr**.

**UNPREDICTABLE'S AVS, MO** — "A, B, C's of Violets," Linda Golubski, chair. Winners: Best AVSA collection, *Kathe Denise*, *Maggie's The Trinity*, *Nortex's Snowkist Haven*, best in show, *Kathe Denise*, **Beulah Cupito**. Second best AVSA collection, *Mauna Kea*, *Snow Squall*, *Pathfinder*, best design, "Around the Campfire," best gesneriad, *Streptocarpus Janus*, **Linda**

**Golubski**. Second best in show, *Red Petticoats*, best trailer, *Snowy Trail*, sweepstakes (horticulture), **Sue Hill**. Best miniature, *Everdina*, **Wilma Wolverton**. best semi, *Irish Flirt*, **Diana Huddleston**. Sweepstakes (design), **Mary Lou Wilson**.

**MOBY DICK AVC, MA** — "Around the World with Violets," Ruth Warren, Lorraine Connors, cochairs. Winners: Best AVSA collection, *Picasso*, *Other Delights*, *Tiger*; best in show, *Picasso*, second best in show, *Milky Way Trail*, best trailer, *Milky Way Trail*, best miniature, *Mickey Mouse*, sweepstakes (horticulture), **Marge Cunningham**. Second best AVSA collection, *Optimara Kentucky*, *Mauna Kea*, *Mikado Red*, best semi, *Snuggles*, **Susan Gimblet**. Best design, terrarium, sweepstakes (design), **Ruth Warren**. Best gesneriad (blooming), *Streptocarpus Sunkissed*, **Robert Skinkle**. Best gesneriad (non-blooming), *Episcia Silver Skies*, **Lorraine Connors**.

**THE EVENING AVC OF DES MOINES, IA** — "African Violet Centennial 1892-1992," Marlene Wright and Janice Tyler, cochair. Winners: Best AVSA collection, *Phantom Flash*, *Winter Grape*, *Optimara Glacier*, best in show, *Phantom Flash*, second best in show, *Concord*, best design, "Ming Blue," best trailer, *Scuba Diver*, best miniature, *Mickey Mouse*, best semi, *Loverly Wasp*, sweepstakes (horticulture/design), **Jan Tyler**. Second best AVSA collection, *Happy Cricket*, *Suncoast Paisley Print*, *Party Print*, **Claudia Royal**. Best gesneriad, *Episcia Showtime*, **Kathy Mathews**.

**THIMBLE ISLANDS AVS, CT** — "Patch Work of Violets," Charlene Boyce, chair. Winners: Best AVSA collection, *Auntie Em*, *Sapphire Halo*, *Ness' Bangle Blue*, second best in show, *Sapphire Halo*, **Madeleine Clem**. Best in show, *Kermit's Cousin*, **Charlene Boyce**. Best miniature, *Snuggles Rising Star*, **Louise Cacace**. Best semi, *Rob's Pinky Winky*, **Dick Bower**. Best gesneriad, *Sinningia Rital*, **Marge Fargeot**. Sweepstakes (horticulture), **John Cacace**.

**WINDSOR AVC, CT** — "Fairy

Tales Can Come True," Nancy G. Hayes, chair. Winners: Best in show, *Spring Fever Trail*, best trailer, *Spring Fever Trail*, best interpretive flower arrangement, **Cindy Fagan**. Second best in show, *Red Petticoats*, **Sylvia Tarb**. Best miniature, *Blue Ice*, **David Peterson**. Best gesneriad, *Chirita sinensis*, sweepstakes (horticulture), **Vivian Hiltz**. Best gesneriad (blooming), *Streptocarpus hybrid*, **Mary Meyer**. Best underwater arrangement, best dish garden, best small arrangement, **Nancy Hayes**. Best semi, *Snuggles Rising Star*, **Jean Keete**.

**MEMPHIS AVS, TN** — "Violets - A Dutch Treat," Peggy Adamson, chair. Winners: Best AVSA collection, *Little Pro (sm)*, *Little Katherine (sm)*, *Streisand (sm)*, best in show, *Little Pro*, best semi, *Little Pro*, **Katherine Steele**. Second best AVSA collection, *Rob's April Storm (sm)*, *Rob's Pinky Winky (sm)*, *Shutterbug (sm)*, second best in show, *Rhapsodie Barbara*, best design, best gesneriad, *Episcia Fanny Haague*, sweepstakes (design), **Peggy Adamson**. Best trailer, *Lamb's Ears*, **Carol Pockery**. Best miniature, *Memphis Belle*, **Olivette Yancey**. Sweepstakes (horticulture), **Iona Pair**.

**SPRINGFIELD AVS, MO** — "Violets Salute the Ozarks," Hazel M. Hutchison, chair. Winners: Best AVSA collection, *Wrangler's Jealous Heart*, *Fickle Flirt*, *Kiwi Dazzle*, sweepstakes (horticulture), **Bonnie Bailey**. Second best AVSA collection, *Shimmering Trail*, *Ramblin' Ruby*, *Ramblin' Dots*, best design, "Queen City," best trailer, *Ramblin' Dots*, best gesneriad, *Episcia Country Clown*, **Helen Bellinger**. Best in show, *Sunday Silence*, second best in show, *Lucky Halo*, best miniature, *Pretty Girl*, best semi, *Little Pro*, **Hazel Hutchison**. Sweepstakes (design), **Ethel Campbell**.

**AVS OF FORT WALTON BEACH, FL** — "African Violets Visit the Orient," Ginger Kollman, chair. Winners: Best AVSA collection, *Magic Blue (sm)*, *Ness' Tutti Frutti (sm)*, *Bogeyman (sm)*, best in show, *Irish Flirt (sm)*, second best in show, *Merrilee (m)*, best miniature, *Merrilee*, best semi, *Pat Champagne*, **Geraldine Holmes**. Second best

AVSA collection, *Happy Cricket*, *Ness' Bangle Blue*, *Nortex's Yuletide Haven*, best design, "Animals of the Orient," sweepstakes (horticulture/design), **Mildred Patrick**.

**ILLINOIS AVS** — "Violet Celebration," Terry Duchien, chair. Winners: Best AVSA collection, *Precious Pink (sm)*, *Ruffled Joy (sm)*, *Snuggles (sm)*, best in show, *Ruffled Joy (sm)*, best semi, *Ruffled Joy (sm)*, **Adrian Ernst**. Second best AVSA collection, *Optimara Molokai*, *Engaged*, *Barbara's Christie*, **Ruby Ernst**. Second best in show, *Happy Halo*, sweepstakes (horticulture), **Jean Willey**. Best design, "An Old Fashion Day in the Park," sweepstakes (design), **Donna Mann**. Best trailer, *Cirelda*, **Anna Jean Landgren**. Best miniature, *Optimara Little Moonstone*, **Jackie Jones**. Best gesneriad, *Episcia Canton's de L'est*, **Libby Watkins**.

**MERRIMACK VALLEY AVS, MA** — "Rediscover America," Kathy Ouellette, chair. Winners: Best AVSA collection, *Lime Frost*, *Old Dominion Sparkler*, *Coral Kiss*, best in show, *Raspberry Ruffles*, sweepstakes (horticulture), **Anne Bouhmuller**. Second best AVSA collection, *Rob's Firebrand (m)*, *Optimara Little Pearl (m)*, *Optimara Little Amethyst (m)*, **Geraldine Flanagan**. Second best in show, *S. orbicularis purpurea*, best trailer, *Snowy Trail*, **Marcia Balonis**. Best design, "Violet Innovations," sweepstakes (design), **Fran Bacchanazel**. Best semi, *Rob's Pink Satin*, **Edith Stealing**. Best gesneriad, *Episcia Kristina*, **Ernie St. Aubin**.

**FIRST AVS OF SPARTANBURG, SC** — "One Hundred Years with Violets," Martha Young, Ernestine Wright, cochairs. Winners: Best AVSA collection, *Happy Cricket*, *Something Special*, *Michiko*, best in show, *Happy Cricket*, second best in show, *Michiko*, sweepstakes (horticulture), **Nina Williams**. Second best AVSA collection, *Grape Slush*, *Pinnacle*, *Christine Diane*, **Martha Young**. Best design, "Jewels of Nature," **Telma Thompson**. Best trailer, *Saratoga Trail*, best miniature, *Mickey Mouse*, best semi, *Gangbusters*, best gesneriad, *Episcia Kee Wee*, **Ernestine Wright**. Sweepstakes (design), **Mary Ann**

**Kirby.**

**QUAD CITIES AVS, IL** — "A Violet Celebration," Carol Boyd, chair. Winners: Best AVSA collection, *Splendiferous*, *Phantom Flash*, *Nortex's Valentine Haven*, second best in show, *Splendiferous*, sweepstakes (horticulture), **Mrs. Royce N. Schafer**. Second best AVSA collection, *Precious Pink (sm)*, *Little Katherine (sm)*, *Magic Blue (sm)*, best design, "This is Special," best miniature, *Optimara Little Moonstone*, sweepstakes (design), **Jackie Jones**. Best trailer, *Sunnyvale Trail*, **Carol Boyd**. Best semi, *Rob's Violet Sky*, best gesneriad, *Streptocarpus Midnight Blue*, **Chris Hansen**.

**FIRST NIGHTER AVS OF DALLAS, TX** — "Vintage Wines and Violets," Bonnie McElhannon, chair. Winners: Best AVSA collection, *Coral Kiss*, *Apache Feathers*, *Mindi Brooke*, sweepstakes (horticulture), **Paula Foster**. Second best AVSA collection, *Rob's Nearly Perfect (sm)*, *Rob's Fiddle Faddle (sm)*, *Irish Flirt (sm)*, best trailer, *Rob's Sticky Wicket*, best semi, *Rob's Nearly Perfect*, best gesneriad, *Streptocarpus Velma*, **Martha Turner**. Best in show, *Optimara Manitoba*, second best in show, *Greg*, best miniature, *Optimara Rose Quartz*, **Virginia Linson**. Best design, "Burgundy and Chablis," **Yvonne Acree**. Sweepstakes (design), **Bill Foster**.

**AVS OF WESTERN NEW YORK** — "Violet Shopping Spree," Shirley Sampson, chair. Winners: Best AVSA collection (amateur), **Jean Pierre Croteau**, *Something Special*, *Boca Grande*, best in show, **Jean Pierre Croteau**, **Shirley Sampson**. Second best AVSA collection (amateur), *Fredette's Moonflower*, *Blackie Bryant*, *Harbor Blue*, **Dorothy Schueler**. Second best in show, *Teeny Bopper (tr)*, best design, "January White Sale," best trailer, *Teeny Bopper*, **Paul Kroll**. Best gesneriad, *Streptocarpus Electra*, **Kathy Brennan**. Best AVSA collection (commercial), *Wee Be (sm)*, *Rob's Pinky Winky (sm)*, *Happy Teen (sm)*, best miniature, *Rob's Soliloquy*, best semi, *Wee Be*, **Jo Wells**. Second best AVSA collection (commercial), *Coral Glo*, *Majestic*, *Magnolia*, **Ralph Robinson**.

# Are the Leaf and Flower Anthocyanins Linked in African Violets?

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The purpose of this study was to compare the leaf anthocyanins from cultivars with different flower pigments. The hypothesis was that the leaf and flower anthocyanins might be linked in some way. The goal of the study was to determine the leaf/flower anthocyanin linkage pattern. If a linkage pattern was present, it would be possible to predict the flower colors of a plant based on the analysis of the leaf anthocyanin(s). The ability to predict flower color from the leaf anthocyanins should allow the screening of seedlings for specific flower colors before they actually bloomed. This ability would be useful to the hybridizer by saving growing space and time.

Is a linkage between leaf and flower anthocyanins likely? The pigments known as anthocyanins are very common in many species of plants. These pink to red to blue pigments are important as flower pigments, but are also found in leaves, stems, and fruits. Previous studies have reported on the types of anthocyanins and how they relate to flower colors in African violets (Smith, 1990a, 1990b).

More recently, a study was conducted on the leaf anthocyanins in genus *Saintpaulia*. The results of this study concluded that of the species and varieties that contained a leaf anthocyanin, all had the same anthocyanin pigment. There were no differences in the leaf pigment between the various species and varieties.

Work on the flower pigments of the species has shown that all the species and varieties tested contained the same pigment, Malvidin 3-Rutinoside-5-Glucoside. These leaf and flower studies concluded that the species and varieties all contained the same leaf and flower anthocyanin pigment.

The previous work with the flower pigments in various African violet cultivars did not also examine the leaf anthocyanins. Although the flower pigments are known to change chemically, it is unknown if the leaf anthocyanin pigments are linked to the flowers and also change. Observation, however, show that African violet cultivars with white flowers often lack leaf anthocyanins. This suggests that some kind of linkage does occur between leaf and flower pigments. The exact kind and extent of the linkage between leaf and flower pigments was tested by the following experiment:

Thirteen African violet cultivars were selected for the study (Table 1). All of the cultivars had been previously analyzed for flower pigments and their specific flower anthocyanins were

known. Several fantasy, zoned, and blended cultivars were included because they contain more than one flower anthocyanin and would allow the possible detection of multiple leaf anthocyanins (assuming each flower anthocyanin is linked to a separate corresponding leaf anthocyanin). The 13 cultivars contained between them all of the known flower anthocyanins (Pink, Red, Blue, Coral, Coral Red and Coral Blue) and would allow the detection of any leaf/flower anthocyanin linkages.

The anthocyanin extraction method of Khokhar *et. al.* (1982) for African violet flowers was modified and used on the leaf blades. A mature leaf was removed from the plant and the blade was cut into pieces approximately one centimeter square in size. The pieces were placed in a test tube and covered with a methanol extracting solution containing 1% HCl. After several hours of extraction at room temperature, the solution was decanted and stored in a refrigerator until analysis.

The extracts were deposited in parallel lanes on sheets of Whatman #1 chromatography

\*This paper was part of a high school science fair project conducted by Ms. Ives.

paper (prewashed with a 1% HCl solution). A BAW solvent solution (n-butanol, Glacial Acetic Acid, Water; 40:10:50, upper phase) was used to separate the extracts over a 14-15 hour period.

The chromatography papers were removed and dried. The pigment spots were examined under natural and short/long ultraviolet lights. The colors and Rf values (rate of flow) were observed and recorded. The use of parallel lanes allowed a quick inspection of the leaf anthocyanins between cultivars — plants with the same leaf pigments would produce spots that are next to each other.

The results indicated that all of the 13 cultivars contained the exact same leaf anthocyanin pigment. There were absolutely no detectable differences in leaf anthocyanins, regardless of what flower anthocyanins the cultivar contained. Therefore, there appears to be no linkage between leaf and flower anthocyanins in African violets.

The hypothesis was not supported by the results. African violet leaf and flower anthocyanins are not linked and it will not be possible to predict flower color based on the leaf anthocyanins. The genetic controls of flower and leaf anthocyanin production appear to be independent of each other. Mutations that have changed the flower anthocyanin do not appear to also affect the leaf anthocyanin.

The observation that white flowered African violets often lack the leaf anthocyanin suggests that any linkage between the leaf and flower pigments is

not a close one. It may be that both leaf and flower anthocyanin synthesis pathways share some sort of common precursor. The mutation that eliminates this precursor could effect both pathways, giving leaves and flowers without any anthocyanin pigmentation (e.g., green-backed leaves and white flowers). The mutations that produce the various flower anthocyanins appear to lie later in the biochemical pathway and are unique to only the flower pigment synthesis. Mutations in the flower pathway that cause the various flower colors do not also affect the leaf synthesis pathway.

Although no differences in leaf anthocyanins were detected in this study, it is still possible that leaf anthocyanin mutations could exist. The number of cul-

tivars tested is a very small percentage of the number available. It is statistically probable that somewhere a cultivar exists that has a different leaf anthocyanin.

#### Acknowledgements

This study was supported in part by the Boyce Edens Research Fund.

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Smith, J. 1990a. A Chemical Analysis of the Flower Pigments in African Violets: Part I. *AVM* 43(3) : 18-21.

Smith, J. 1990b. A Chemical Analysis of the Flower Pigments in African Violets: Part II. *AVM* 43(4) : 17-19.

**Table 1:** Cultivars tested for leaf/flower anthocyanin linkage.

<u>Cultivar</u>	<u>Flower Color</u>
S. Seedling* 2-J	Pink/Red Zoned
S. Seedling 1-Sport	Pink/Red Blend
S. Seedling E-O	Pink/Red/Blue
S. Seedling 2A5B	Pink/Blue
J. Seedling** 9-708	Red/Blue Zoned
Optimara Colorado	Red
Optimara Manitoba	Blue
Coral Moon	Coral
Tangerine	Coral
Royal Blood	Coral Red
Tomahawk	Coral Red
Jean-Pierre Croteau	Coral/Coral Blue
J. Seedling 9-24	Coral/Coral Blue

\*S. Seedling - Hybrid seedling developed by Dr. Jeff Smith

\*\*J. Seedling - Hybrid seedling developed

by the late Bill Johnson



# A FAMILY PORTRAIT

GEORGENE ALBRECHT  
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Oakdale, PA 15071

## Saintpaulia 'Ocean Eyes'

Our portrait features a very special plant grown by an exceptional woman, Marie Burns. For the fourth time, she has grown the Best of Show at our convention. Her collection entries were breath taking. She and her husband, Howard, are to be commended for such devotion. In a recent conversation, I told her that she has a magical ability to grow extraordinary African violets. Her reply, "There's nothing magical about growing ... the answer is simply to give good hybrids consistently fine culture." I still think she has something special. Few people, myself included, have the discipline to be "that" consistent about growing.

Recently, Daryl and Craig

James and I were invited to judge the Baltimore AVS show, which has fabulous growers, including Marie Burns. Of course, the show was very high quality and Marie had one of her beautiful hybrids, 'Party Print' grown to perfection as Best of Show. But, the gorgeous 'Desert Dawn' grown by Janet Haag, was also outstanding. My panel judged the design section and guess who won, Marie. Yes, she met the challenge of doing an arrangement with only foliage. Marie shares her horticultural knowledge freely. She makes only about five crosses a year, from which she selects just a few hybrids. Most of them have lustrous, dark foliage which loves foliar food. They are strong and well-mannered for show quality. Her 'Bridal White' has blush colored bloom on dark foliage.

The gesneriads were lovely; yes, Marie had the best one, a *Sinningia pusilla* var. 'White Sprite.' The staging, by Diane Richardson, was centered around a collection of dolls which represented an important location or event in the "Century

of Violets." Gosh, if any of you live near the Loch Raven Senior High School on Cromwell Bridge Road off the Baltimore Beltway, join this club. Guaranteed gang-busters. They meet at 7:30 p.m. on the second Monday, except July, August and December.

### PUBLICITY

Hope everyone saw Anne Tinari's great article in *Flower and Garden* magazine last July. It featured a photograph of Sue Hill and her wonderful plants. Way to go, Anne.

Also, the first issue, Spring, 1992, of *HousePlant* magazine featured the yellow African violet, our society and good wishes for a Happy Birthday to the world's favorite houseplant.

### CONVENTION

What a wonderful time. Let me share my enthusiasm in hopes of enticing you to join us in Lancaster, PA, next April. My room mate, Eileen Lott, was show entries chair, which gave me the opportunity to have a "crash course" in entry procedures. The next morning, clerking for the first time, I had another crash course in point scoring thirteen collections. This led to more respect for judges. I could not believe my ears at the awards banquet; my designs



*Saintpaulia 'Ocean Eyes'*

had won Sweepstakes. Saturday brought my installation as a Director on the Board. Sunday I attended my first official Board meeting. You will be pleased with changes in our show procedures and our magazine.

#### PITTSBURGHESE

This remarkable speech patterns itself on local phrases like Maymar, which translated, means May Market. Our Pittsburgh Violet Society just finished our second successful participation. We tried to grow all the plants we could to sell. We have joined Mid Atlantic African Violet society and will take part in their convention

the end of October. Our first show and plant sale will be held at the Northland Public Library, 300 Cumberland Road, North Hills, Pittsburgh, PA, on October 3 and 4. For more information, please call 412-693-8666. Our president, Daryl James, was kind enough to store lots of plants for us to sell in the future. She cleverly placed them on many layers of wet newspaper. This gave them extra humidity and moisture.

We also enjoyed having a visit from Mary Louise Karns of Sarasota, FL.

#### NEW TO ME

I just love Ness' Sno Fun and Red Flash. Pittman's Tensie Trail

and Comet Trail are great. Her Pride of Columbus is a smashing show plant. I'm very pleased with Sorano's Prancing Pony and Little Beacon.

A standard saintpaulia named Martha, by Bryant is a semi-double white star with green tints and variegated, bright green foliage. I am making a sincere effort to grow some of the species. Marcia Belisle was selling some wonderful gesneriads at the convention; especially darling were the Sinningias like Easter Bonnet and Bonnie.

The sales room was so busy that I gave up trying to purchase blooms for my designs, but I sure made hay later.

## The Death of the Supermarket Violet

BEV PROMERSBERGER  
2003 Columbus Circle  
Leesville, LA 71446

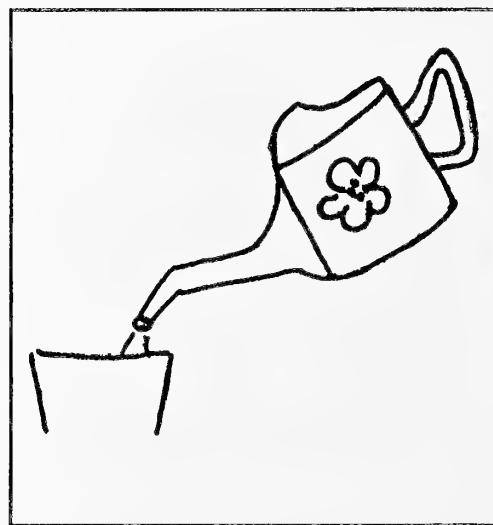
"Why do my African violets die?" "Why don't they bloom?" These are the two most frequent questions asked by novice growers. Sometimes people express remarks about their lack of success with growing violets in other ways—"They always die." "I don't have a green thumb." "They're too much trouble." "I can't grow them." "I don't have the right light." These remarks are really reflections of the two basic questions raised by first-time or novice growers of African violets.

Actually, violets are relatively easy to grow in your home. There are some certain "do's" and "don't's" when it comes to growing violets. When you know what

they are and are willing to follow them, you will enjoy blooming violets in your home all year long.

The first question is "**Why do my violets die?**" The major reason people are not successful in growing violets or kill them is that they overwater them. Overwatering often causes crown rot or root rot, which, if not treated properly, are fatal to most violets. Violets can be watered from either the top or the bottom. However, more people have success in watering from the bottom. Some methods of bottom watering include soaking water

from the saucer, wicking, or matting. The difficulty in watering is the reason so many different watering devices for African violets are on the market.



Watering violets takes a little different routine than the weekly watering of the rest of the household plants. When people water their violets with the other plants, they often overwater them, and keep them too wet. Sometimes people forget to water their plants for a longer period of time, and they practice what is called the "flood and drought" syndrome. The roots are wet, dry, wet again, dry, and so forth. Violets dislike both of these techniques. Violets like to be just slightly moist all the time, not wet, nor alternating between wet and dry. Another factor in watering is the nature of the soil mix. Violets have a very fine root system and like a soil mix that allows the water to pass through easily. If the soil mix is too heavy, the water remains in the soil and the roots are drowned and eventually rot. The plant dies even though the grower seemed to have been conscientious in caring for it. Even commercial soil mixes made especially for African violets often need an additional amount of perlite or styrofoam bits to lighten the soil and allow the water to move up or down. The easiest way for a beginning grower is to bottom water, using a saucer or wick, to allow the violet to draw its own water to keep it slightly moist. If using the saucer method, do not allow the bottom of the pot to remain sitting in the water for an indefinite length of time. Empty the excess water from the saucer. If choosing the wick method, make sure the wick is wet when placed in the soil to assure that it will draw water.

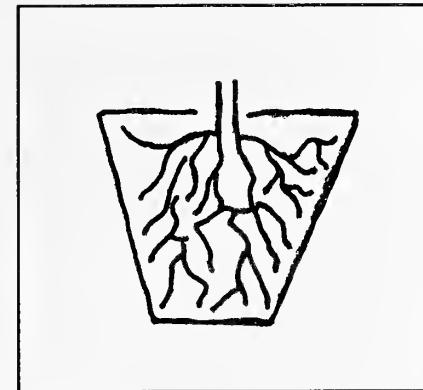
The second question people ask is "Why don't they

**bloom?"** Too often people buy blooming violets in a nursery or supermarket, bring them home and watch the blossoms die, never to bloom again. There are four key reasons why violets don't bloom: light, fertilizer, soil mix and pot size. People usually understand the need for light and fertilizer, but they overlook the need for a good soil mix and the right pot size.

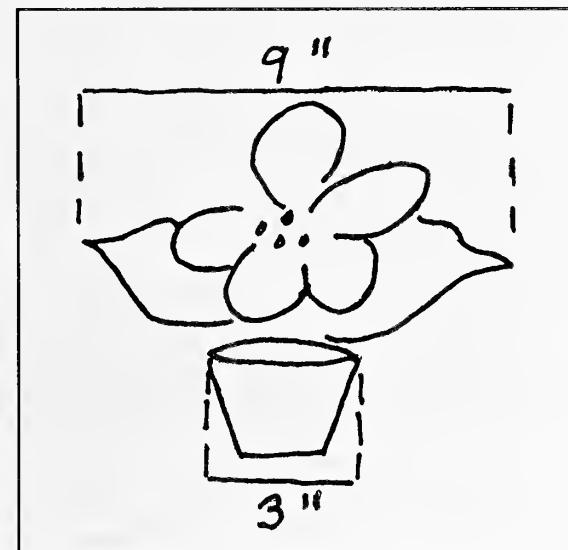
Bright, indirect **light** is essential. An eastern window is usually the best because the morning sun is not as warm. Direct sun can be too hot and cause the leaves to burn. Even a southern exposure can be used if the light is sufficiently filtered to reduce the sun's rays. As people gain a greater interest in growing violets, they may decide to purchase an artificial light as their light source.

Many commercial **fertilizers** work well. If the violets are grown in the window, 1/8 teaspoon of fertilizer should be mixed with a gallon of water. Under artificial lights, 1/4 teaspoon to a gallon of water is needed because of the increased growth. The plants need to be fertilized with every watering. Occasional drenching with clear water is recommended in order to remove the build up of excess fertilizer salts.

Both **soil mix** and **pot size** are important factors for bloom. If you understand the growth process, it's easy to understand why these two factors are so important. The first thing a violet does when it is potted is to develop a root system



which will support and feed the foliage and blooms. When the root system is complete, usually potbound, the energy is directed into producing the colorful and varied blooms. Therefore, the soil mix must be light or sufficiently porous to allow the tiny fragile roots of the violet to move about easily in order to become potbound quickly. A good violet soil mix should be porous enough to allow the roots, water, and air to flow through easily and freely. Commercial soil mixes can be a good start, but most should be mixed with 1/2 or an equal amount of perlite or a substitute, to make them lighter, more porous and more effective for blooming violets. The grower may even need to repot that



supermarket violet into a new soil mix. Plants can be forced to bloom in the wrong soil, for a short period of time, even after the buyer gets them home, but plant growth and blooms cannot be maintained in the wrong soil or pot size.

When we understand the root growth process, we can also see the importance of having the right pot size. Many people want to repot their violets in a large pot so they won't be bothered with them for a while. The result is that there are no new blooms. Remember, the root system must be complete, or potbound, before the plant produces blooms. The smaller the pot, the sooner the root system will fill the pot and the plant will bloom. An easy rule to remember is that when the diameter of the leaf span of the violet is three times the diameter of the pot, it is time to repot it into the next size pot. Repot from a two inch, to a three inch, to a four inch, and so on. Skipping pot sizes only delays the blooming process until the larger pot is rootbound.

There are other factors in the successful growing of African violets — temperature, humidity, and grooming to mention a few. However, this should be a start toward bringing that supermarket violet back into bloom.

#### FUTURE AVSA CONVENTIONS

Lancaster, PA  
Apr. 19 - 24, 1993  
Denver, CO  
May 23 - 28, 1994  
St. Louis, MO  
May 22 - 27, 1995  
Atlanta, GA  
May 23 - 27, 1996

## Maas Memorial Collection Awards

Janet T. Riemer

The 1993 AVSA convention show to be held in Lancaster, Pennsylvania, next April, will include a class in which each entry will consist of a collection of three different Max Maas cultivars. The cultivars entered as a collection must be named plants all of the same type (i.e., standard, semiminiature or miniature), but they will not need to be registered. There will be a cash award for both the Best Collection and the Second Best Collection.

Max Maas hybridized African

violets for over 30 years, selling them from his greenhouses in Springfield, New Jersey. After his death in 1982, the AVSA affiliate to which he belonged (Union County Chapter), began a project of propagating Max's last seedlings. It has become an ongoing project expanded to include the perpetuation of all of the Maas cultivars.

Union County Chapter is contributing toward this memorial award to encourage continued interest in Max Maas cultivars.



BOB KURZYNSKI was a recent winner at an AVS of North Jersey show with best in show, *Orchid Trall*, best miniature, *Optimara Rose Quartz*, and sweepstakes (horticulture) with 26 blue ribbons.

# MAKING BABIES ...

## (or how to put down a leaf!)

DIANE RICHARDSON  
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Baltimore, MD 21237

Putting down leaves is a very simple process. Start with a good healthy leaf, preferably one from the third row of the plant. Cut the leaf stem on an angle with a sharp razor blade so that as much of the leaf stem as possible is exposed. Let the leaf sit and seal itself (about 15 to 20 minutes).

Now comes the interesting part, because it's time for options:

If you have a very large leaf, you may cut it in half, thereby having two leaves to put down.

If you have a leaf 1-1/2" by 2", you can put it down as it is, or cut the top off and trim the sides straight up, to make the leaf smaller and less cumbersome.

Remember, as the roots grow from the mother leaf, the stem and leaf will continue to grow taller and larger.

Choosing the proper medium for your leaf gives you many options:

1. **Water** - I don't recommend this even though everyone's grandmother or mother did it. There are two types of roots — soil and water. If you raise the leaf in water, it will have to grow all new roots again in soil.

2. **Perlite** - Straight perlite will work, but must be checked more often to make sure medium is damp.

3. **1/2 Perlite - 1/2 Vermiculite** - works very well. Vermiculite holds moisture, so will remain damp longer.

4. **Soil mixture used by grower for regular plants** - This is my favorite (but my mix is very light — 1 part Baccto, 2 parts vermiculite, 3 parts perlite). This way, my baby plants have little or no re-adjustment period when transplanted.

5. **Long fiber sphagnum moss** - When I started, I rotted everything — everything!!! This stuff worked great. Soak the moss thoroughly, squeeze out excess, stick leaf in moss — presto — babies!

Choose a small container in which to put the leaf. The leaf will not start to sprout well until

the roots hit the sides of the pot. Place the stem well into the medium to where the leaf begins. Make a miniature greenhouse from a plastic ice cream sundae cup with a dome lid (any clear plastic container will do — sweater boxes, etc.), and place the container in a good bright area — a window sill or under a plant stand light — wherever you have room.

It will usually take at least one month before you start to see some sprouts. Sometimes it takes months-s-s-s-s-s.

But, don't give up.

Remember to keep the medium barely moist (not wet); give it plenty of light; create a nice humid atmosphere for them — and eventually you will make babies.



A Tucson AVS recent show winner was Julie Martin. The theme for the show was "African Safari," and Julie won Horticulture and Artistic Sweepstakes. She also won Second Best AVSA Collection with *Happy Cricket*, *Tomahawk* and *Mixed Magic*.  
(photo by Frank Over)

# AVSA BUILDING FUND



ANNE JANTZEN  
2725 Katrina Way  
Mountain View, CA 94040

Talk to AVSA members who haven't contributed to the Building Fund in the past and you'll hear comments like this: "We haven't given because, well, we haven't felt that the Building Fund really needed our help."

I want you to know that the Building Fund does need your financial support, and that your gift — large or small — is welcomed and needed. The quality of AVSA's service in the years ahead will depend, in large measure, upon the support of those who believe in us — people like you.

Please take time now — while you're thinking about it — to send in your contribution. I know you'll feel good about it.

Contributions  
from March 31 - April 28, 1992

April, 1992

Don Thornburg, CA ..... \$15.00

"HAPPINESS IS" AVS, CO ..... 25.00

Mary Moseley, AL

in lieu of travel expenses

- AVS Pensacola ..... 30.00

James & Naomi Nolan, TX

in lieu of travel expenses ,

First Austin AVS ..... 25.00

Judges from Cen-Tex Rainbow AVC

in lieu of travel expenses,

First Austin AVS ..... 25.00

Pasadena AVS, TX

disbanded ..... 387.86

Mary Ann Switzer, MO

donation to Metropolitan

St. Louis AVC plant sale ..... 30.00

\*Columbus Convention ..... 1,138.00

New York City AVS, Inc.

in memory of Leila Lynch,

mother of member

Donna Palagonia ..... 10.00

\*Part of the proceeds from the Columbus Convention were from the raffle of

afghans donated by SugarLoaf Mtn.

VS, MD and Irma DeWeese, mother of

J. C. Munk, TX. Mrs. DeWeese lives

with J. C. and Lenore, is 88 years old

and blind. She makes afghans to keep

busy and creates one in five to seven

days.

The Building Fund thanks you for these

donations.

Total for the month - \$1,685.86

**TOTAL OF ALL CONTRIBUTIONS -**  
\$79,863.35

Contributions

from April 29 - May 27, 1992

May, 1992

Don L. Thornburg, CA ..... \$15.00

Gregory B. Sedgwick, VA ..... 5.00

Michael Jackson, AL

in lieu of travel expenses,

Heart of Dixie AVS, AL ..... 40.00

Don L. Thornburg, CA

in memory

of Mr. Jewell Goode ..... 10.00

Don L. Thornburg, CA

in memory

of Mr. Joe Jarkowski ..... 10.00

AVS of Minnesota ..... 25.00

AVS of San Francisco ..... 25.00

AVS of San Francisco

in memory of Jewell Goode,

husband of Mary ..... 10.00

AVS of San Francisco

in memory of Joe Jarkowski,

father of Yvonne ..... 10.00

The First Nighter AVS of Dallas

in memory of Peter Carpenter,

son of Jan & Craig Carpenter .. 50.00

Total for the month - \$200.00

**TOTAL OF ALL CONTRIBUTIONS -**  
\$80,063.35

## African Violet Shop Offering Rosettes

Hybridizers J. C. Munk and Lenora Munk of the African Violet Shop in Houston, Texas, are offering a rosette for the "Best Apache Hybrid" plant exhibited in an AVSA affiliate show.

AVSA affiliated clubs should send their order for the rosette to:

African Violet Shop  
2015 Bauer Drive  
Houston, TX 77080

## Wisconsin Needs AVSA Judges

Ruth Mengsol  
5616 W. Cairdel Lane  
Mequon, WI 53092-1167

Wanted — Experienced, qualified JUDGES. If you are traveling to Wisconsin to enjoy our beautiful fall color, could you spare an afternoon judging the Wisconsin Council of African Violet Clubs annual show?

The judging is Friday, October 2 at noon. If you are available and would like any further information, please contact: Ruth Mengsol, Judges Chair, 5616 W. Cairdel Lane, Mequon, WI 53092-1167, ph. 414-242-2304. The show will be held at the Regency Mall in Racine, WI.

# Species "Sports"

DIANE RICHARDSON  
9207 Ravenwood Road  
Baltimore, MD 21237

Soon after I started raising hybrid violets, seven years ago, someone introduced me to our "species," *Saintpaulia*. Since that time I have acquired all the varieties that are still in cultivation and have learned many interesting things about the growth and culture of these unusual plants.

Last fall I put down leaves of *Saintpaulia velutina*. Although the leaves were very slow to sprout, I finally noticed three tiny babies starting to grow. Six months ago I potted these in 2" baby pots. By this time, the plants should have been quite large. I potted one plant in a 3" pot after 4 months, hoping to startle it into growing. It still is just slightly larger than the mouth of the pot.

To date, I have seen only one plant known to be a sport of a species, namely 'Sport of Grotei.'

Until today.

I happened to glance at my stand that only contains species, and there was a white flower with a medium to dark purple eye. You guessed it — it was one of the *s. velutina* plants that I had left in the original 2" pot.

It is a very clear white small flower, approximately the size of a dime. The leaves are a medium olive green as opposed to the normal dark color of *s. velutina*. The texture is the same as the original.

The baby planted in the 3" pot has leaves exactly the same size as the one that stayed in the small pot. No increased growth is evident even though it has had ample time to send out larger, new leaves.

I would love to hear from members that have had any of the species sport for them. I have had sports in leaves before, (*S. brevipilosa* and *S. magungensis var. minima*, both mini size and semi to compact size).

If you have had any sports of either type, please contact me.

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## AVS of Philadelphia at Flower Show

JUDITH SMITH  
AVS of Philadelphia

Every year, before the first signs of spring appear, the Philadelphia Civic Center is transformed into an enchanted garden. Over the course of eight days, more than 250,000 visitors attend the Philadelphia Flower Show sponsored by the Pennsylvania Horticultural Society. The perpetual popularity of the show is due to the large number of commercial and non-commercial exhibits which attract plant enthusiasts of all genres.

The AVS of Philadelphia has participated in the flower show for many years as a way to share our interest in violets. Our members select a theme, construct a booth, put together educational materials to distribute, and, of course, coax our plants into glorious bloom for the display. During the week of the show, we take turns work-

ing the booth, and talking with visitors about our violets, the AVSA, and local affiliates.

This year's exhibit was a unique opportunity because of the 100th anniversary of the discovery of African violets. Using the theme, "A Century of African Violets," we constructed a time line depicting the historic innovations in African violet hybridization — the roots responsible for the blossoms. The time line served as a backdrop for our displayed plants, many of which were examples of the innovations described. The plants attracted a lot of attention and there was a constant crowd of onlookers. Many of them, or their mothers and grandmothers, had African violets at home. There were many questions about growing.

This year, as in previous years, we sold a small culture booklet describing various methods and solutions to problems of maintaining beautiful, healthy violets. Some visitors actually brought in plants for our advice. Our members gained a great deal of satisfaction and pride from spending a few hours of sharing knowledge and love of violets with those who stopped by the booth.

The Philadelphia Flower Show precedes our own Flower Show and Sale by just six weeks. Our participation there often results in increased attendance and plant sales at our show. Next year our challenge will be to generate interest in African violets at the Philadelphia Flower Show that will carry over and result in increased public attendance at the AVSA Convention that will be held in nearby Lancaster, PA.



# QUESTION BOX

JAMES SMITH & RALPH ROBINSON  
489 Linwood Avenue  
Buffalo, NY 14209



Greetings! Let me introduce myself. My name is Ralph Robinson. Being a regular attendee of AVSA conventions, I may have met some of you already. I may have met others through my violet business (Rob's Mini-plets). I am also one of your AVSA directors. Because of his demanding schedule, Jim Smith has asked me to co-author the Q&A column. I've known Jim for 15 years, and we belong to many of the same local and state violet societies. Thus the column will be something of a collaborative effort, though the opinions expressed here are mine.

For your information, here's a brief outline of how I care for my violets and other gesneriads. I grow under fluorescent (Gro-Lux WS) lights. Lights are 10" above the foliage, and are on 13 hours each day, all year. I water each plant individually "from the top," using Peter's fertilizer (both 20-20-20 and 12-36-14 formulas), adding one drop of Superthrive per gallon of water. My soil mix is as follows: 1/2 'Pro Mix' (a peat and perlite mix), 1/2 coarse #2 vermiculite, with two cups of #10 charcoal per five gallons of soil. Enough lime is added to raise the pH to about 6.7.

This, of course, is just one way of caring for violets. If your violets are doing well under your care, I would be reluctant to

make any changes — "if it's not broken, don't fix it."

**Question:** I had some difficulty propagating from leaves of a couple of varieties. Babies came up white and rotted before getting any green leaves?

**Answer:** This is often a problem when propagating from leaves of certain variegated varieties. Such white-leaved baby plants, having little or no chlorophyll, are very fragile and easily prone to rotting. Though leaves of some varieties never seem to produce many strong plantlets, there are some steps that can be taken to improve the success rate.

First, healthier leaves will produce healthier, more robust babies, all else equal. Try to select mature, but not old, leaves. If propagating a variegated variety, select leaves with more green, and less variegation. Such a leaf may still produce such white-leaved babies, but it lowers the odds.

Second, the rooting medium for the leaves should be moist, not soggy. I find that I get much stronger babies when my rooting medium is only slightly moist. A soggy medium will produce babies much more prone to rotting, both before and after separation from the mother leaf. In addition, a soggy medium seems much more likely to produce all-white babies from variegated leaves.

(Note: my rooting medium is one part peat, and four parts coarse vermiculite. All leaves are rooted in a tray with a clear plastic cover.)

Lastly, I keep my rooted leaves in a cool location. Contrary to the views of some, I don't believe that bottom heat is necessary. Leaves grown in cooler temperatures have always produced more, healthier, and greener, babies for me. Ideally, 65-70° F seems best, though not always possible during the summer months. Try to avoid very warm and wet conditions.

Once the plantlets are separated from the mother leaf and individually potted, try to follow the same rules. Avoid soggy and warm conditions. Providing a protected environment, such as a clear, closed, container often helps. A plastic sandwich bag works fine. When feeding, use fertilizers relatively high in nitrogen, since you wish to promote production of green foliage, not blooms. For example, this is one good use for fish emulsion. Once plantlets begin to show green in foliage, growth will be much more rapid and robust.

**Question:** What is the maximum number of rows of leaves to have on African violets?

**Answer:** This is really a matter of personal preference. When exhibited, good symmetry (or form) is rewarded, not quantity of foliage. The number of rows

necessary to achieve good symmetry usually depends on the size of the leaf blade relative to the length of the petiole. Varieties with relatively long petioles and small leaf blades (imagine a badminton racquet) will need more rows of leaves to fill the same amount of space than those with shorter petioles and larger leaf blades (e.g., a racquetball racquet). Symmetry is also easier to achieve with round, rather than pointed, leaves, since the former fill more space and provide a smoother outline to the perimeter of the plant.

When growing standard-sized varieties for show, bigger is usually better. However, keep in mind, that more bloom, or larger bloom, is needed to complement the additional foliage — bigger, not necessarily biggest. Some of the better varieties make a terrific, good-sized show plant with as few as three rows of leaves. 'Coral Glo' won best in show for me last year, having only three rows of leaves. Since this variety produces relatively large leaves, it needed only this many rows to reach about 18" in diameter.

As for miniatures and semiminatures, my feeling is to grow as few rows as necessary to achieve good symmetry. Since, by definition, these varieties are supposed to be small, unnecessary rows of leaves are just that — unnecessary. Again, the number of rows will depend on the relative size of the leaf blade and its shape.

**Question:** I am new to the African violet world and would like to know more about variegation. What is "Tommie Lou" and "Champion" variegation? Do

I care for and feed variegates the same as nonvariegates?

**Answer:** Variegation is simply white, beige, or pink coloring in the foliage. "Tommie Lou" variegation will normally appear on the edges of the leaf, sometimes with speckles or streaks elsewhere. 'Champion' (or "crown" — I prefer the former label) variegation usually appears from the base of the leaf blade and spreads outward; sometimes so that nearly the entire leaf is variegated. In addition, there is "mosaic" (or Lilian Jarrett) type variegation, which appears as heavy streaks or spotting in the center of the leaf blade, the border of the blade remaining green.

I care for variegates exactly as I do other varieties, with only one exception. It is best to grow them at lower temperatures — as low as 60 to 65 degrees can be tolerated. If temperatures are too high for too long, many varieties will lose their variegation and will turn all green. Those with "Champion" variegation are especially prone to this, though newer varieties are more tolerant. Fortunately, most varieties will variegate again once cooler temperatures return.

Variegation is almost solely a function of temperature. Using a "variegated special" fertilizer such as a 5-59-17 formula won't provide the plant with the nitrogen necessary to keep the foliage lush.

**Question:** What does the term "stick-tite" mean?

**Answer:** A blossom that is described as "stick-tite" is one that will not, even when old, fall off of the blossom stem (pedicel). "Single" blossoms, those with

only five petals, often will drop, or fall off prematurely. "Double," (those with 10, i.e.,  $2 \times 5 = 10$ ) or more petals, and "semi-double" (six to nine petals) rarely have this problem. A stick-tite single is often referred to as "genetically semidouble," since it doesn't show a sixth petal; yet has the non-dropping trait of a semidouble blossom.

## Mid-Atlantic to hold 2nd annual convention

DIANE RICHARDSON  
9207 Ravenwood Road  
Baltimore, MD 21237

The Mid-Atlantic AVS will hold its 2nd annual convention/show at the Holiday Inn-Timonium Plaza, 2004 Greenspring Dr., Baltimore, Oct. 29 - Nov. 1, 1992.

Located just outside the city, conventioneers will have ample opportunity to take advantage of the new light rail system to visit Baltimore's famous "Inner Harbor."

This year's theme will be "Those Bewitching Violets." In keeping with Halloween and the show theme, a costume party will be held Friday evening. A lecture on design by Georgene Albrecht will be part of the program. The judging school will be taught by Betty Tapping.

The show will open to the public on Sat., Oct. 31, 9 a.m. to 4 p.m. Please join us.

For further information, contact Janet Haag, 410-377-8753.

# REGISTRATION REPORT



IRIS KEATING  
149 LORETTA COURT  
CLAREMONT, CA 91711

A name reservation costs \$1 and is valid for two years, after which time it may be extended two years for an additional \$1. Registration of the plant is \$5 unless completed within the reservation period, in which case the balance is then \$4. **PLEASE NOTE:** Although true Tommie Lou variegation is rarely found in today's cultivars, this term has become a catch-all phrase to include all

variegation not clearly defined as crown or mosaic. Consequently, variegation terminology for all new registrations and MVL plant descriptions will simply be 1) variegated, 2) crown variegated, and 3) mosaic variegated. This simplification reflects the decision of the Shows and Judges and Plant Registration committees at the Columbus convention.

## REGISTRATIONS

### Dolores O'Sullivan - Douglaston, NY

\***NUMERO UNO** (7683) 4/23/92 (D. O'Sullivan)  
Semidouble-double pink two-tone frilled/darker top petals. Dark green, plain/red back.  
**Large**

\*\*\*\*

### Nancy Johnston - Bakersfield, CA

\***ANGEL OF JOY** (7684) 5/13/92 (N. Johnston)  
Single-semidouble hot pink star/wine tips. Variegated medium green, lime and cream, ovate, quilted. **Miniature**  
**\*ANGEL'S KISS** (7685) 5/13/92 (N. Johnston)  
Double dark fuchsia star/some white tips. Variegated dark green, lime and cream, heart-shaped, quilted. **Miniature**

\***CHERRY KISSES** (7686) 5/13/92 (N. Johnston)  
Double dark cherry star/darker ruffled edge. Variegated dark green, cream and pink, quilted, pebbled, serrated/red back. **Miniature**

\***CORN'S A POPPIN'** (7687) 5/13/92 (N. Johnston)  
Semidouble white ruffled star. Variegated dark green, pink and cream, ovate, quilted. **Semiminiature**

\***SUMMERTIME BLUES** (7688) 5/13/92 (N. Johnston)  
Double medium blue star/darker center. Variegated dark green, cream and pink,

ovate, spooned, quilted. **Semiminiature**

\*\*\*\*

### Lenora Munk - Houston, TX

\***AUSTEN'S LOVE** (7689) 5/23/92 (L. Munk)  
Double light blue ruffled large/wide white edge. Dark green, ruffled/red back. **Large**  
**\*HAPPY CHRIS** (7690) 5/23/92 (L. Munk)  
Semidouble red-purple wavy. Dark green, plain, wavy. **Large**  
**\*JAZZ IT UP** (7691) 5/23/92 (L. Munk)  
Semidouble magenta wavy/lighter center, rays. Medium-dark green, plain, serrated. **Standard**  
**\*SOUTHERN BEAUTY** (7692) 5/23/92 (L. Munk)  
Semidouble coral pink shaded. Medium green, plain, ruffled. **Standard**  
**\*TEXAS FANTASY** (7693) 5/23/92 (L. Munk)  
Semidouble lavender/darker fantasy. Medium green, plain. **Standard**

## NAME RESERVATIONS

### Dolores Harrington - Fridley, MN

\* Fridley \* Minneapolis \* Saint Paul \* Fabulous  
Tootie \* Goin' Dancing \* North Star Trail

\*\*\*\*

**Douglas Allen - Clovis, CA**

(Each of the following is preceded by the name Sierra) \* Avalanche \* Daybreak \* Dogwood \* Showers \* Snows \* Summit \* Sunset \* Thunder \* Winds \* Wonderland

**NAME RESERVATION RENEWALS****Nancy Johnston - Bakersfield, CA**

\* Little Dewdrop \* Rosebud Fantasy \* Summer Storm \* Wind and Willows

# Minutes

**THE AFRICAN VIOLET SOCIETY OF AMERICA, INC.  
ANNUAL MEETING  
APRIL 25, 1992**

The annual business meeting of The African Violet Society of America, Inc. was called to order by Third Vice President, Esther Edwards Wells at 3:45 PM on April 25, 1992 in Fairfield Room of the Columbus Convention Center, Columbus, Ohio.

The invocation was given by Floyd Lawson. Following the Pledge of Allegiance, President, A. Charles Bollar, took the chair. The Secretary declared the presence of a quorum. The standing rules of the meeting were adopted. The parliamentarian, Christine Sanders, PRP, was presented.

Bill Foster, chairman of the committee to review the 1991 minutes, reported that the minutes had been reviewed and approved.

Resolutions Chairman, Elinor Skelton, read the courtesy resolution and moved that it be adopted. A copy is attached to these minutes. [Available from the office upon request.] The resolution was adopted.

Janet Riemer, Vice-chairman of the Bylaws Committee, moved the adoption of the Bylaws amendments as published in the January/February issue of the *African Violet Magazine*. Members requested that two proposed amendments be discussed and voted upon separately. Article IV Section 2 regarding the number of directors on the Board of Directors was discussed, voted upon and lost so it will remain unchanged (15 directors). Two other proposed amendments were linked with this one and so they will also remain unchanged. Article IX Section 1d, regarding the Boyce Edens Research Fund, was discussed, voted upon and adopted. The balance of the proposed amendments was then voted upon and adopted.

Ruth Warren, Chairman of the 1991-92 Nomi-

nating Committee presented the following nominations: for President, A. Charles Bollar; First Vice President, Hortense Pittman; Second Vice President, L. T. Ozio, Jr.; Third Vice President, Esther Edwards Wells; Secretary, Janet Riemer; Treasurer, Meredith Hall; Directors, Georgene Albrecht, Genola Cox, Janet DuCharme, Martha Dyson, and K. Evelyn Salamanowicz.

As there were no further nominations from the floor, the nominations were closed and the nominees were elected by voice vote. President A. Charles Bollar announced that the installation would take place at the banquet later in the evening.

Frank Senna, 1993 Convention Chairman, invited all to attend the convention in Lancaster, Pennsylvania next year.

The winners of the Lancaster Promotion Raffle, the Ways & Means Committee Raffle, and the Booster Fund Raffle were announced. Anne Jantzen, Building Fund Chairman, held the drawing of the Building Fund Raffle. Ann Miller then held the drawing for the Ohio Convention Committee Raffle.

As there was no further business, the meeting was adjourned at 4:40 PM.

Janet T. Riemer  
Secretary

**Minutes of the Board of Directors are available from the AVSA Office, P. O. Box 3609, Beaumont, TX 77704. Any member may request a copy. Please include a large, self-addressed, stamped envelope.**

# A third attempt to obtain postal stamp status for African violet

Dear Members,

There is an old adage that states, "If at first you don't succeed, try, try again." Thus, I am imploring your assistance to help achieve the task of convincing the US Postal Service that the issue of an African violet stamp would be appropriate.

Two faithful members of our society have tried at different periods in our history to have a postage stamp issued with the African violet — without success.

Since this year is the 100th anniversary of the discovery of the African violet, perhaps we can once again initiate the process recommended to achieve this goal.

You might have read in the May/June issue of the AVM, Janet Otey's letter to the editor on this matter. We have corresponded, comparing notes and her most recent letter to me states ... individual letters should be sent to:

**United States Postal Service Headquarters**

**Attention: Citizens Advisory Committee**

**475 L'Enfant Plaza, Room 4474-E**

**Washington, D.C. 20260-6756**

Her local philatelic service suggests many members write individual letters and include a picture of the African violet, stating how we use postage and mail service daily for over 13,000 members of our great society. You should also state that The African Violet Society of America, Inc., is the official registrar for all African violet cultivars and that participating members world wide attend our national convention held once a year in various states in the United States.

I, too, shall write them a brief history of the African violet — its discovery and longevity and how African violets have become the number one houseplant, not only in America, but throughout the world.

So, please take a moment and do your share for them to consider our request.

Incidentally, I have received a postal card from a South African violet society with an African violet stamp featured on it. Lukas Otto from Muldersdrift, South Africa, wrote me, "On Saturday morning, the 2nd of May, 1992, the Southern Africa Violet Society sponsored the very successful international launch of the Saintpaulia ionantha Centenary Postcard in the Muldersdrift Post Office."

I urge you to do your part and perhaps we can accomplish this together.

Anne Tinari  
AVSA

Membership & Promotion Chair

## There's a lot to see and do in Lancaster, PA

DIANE RICHARDSON

How many pages of attractions do we have room for? There are so many but we will only list a few. A full week wouldn't be enough time to see everything there is in a small 30-mile radius of Lancaster, PA.

Since you will be in the heart of Amish country, be sure to visit the Amish farm and house, homestead, a three-mile buggy ride, farmland tour, and Mill Bridge village.

For railroad enthusiasts, there is the Blue Mountain & Reading Railroad, the Choo Choo Barn, Strasburg Train Shop, Strasburg Railroad, Middletown and Hummelstown Railroad, Railroad Museum of Pennsylvania, and the Toy Train Museum.

There is a pretzel factory that is a real must, and also the Ephrata Cloister, the restored 18th century religious communal society.

Do you like wine? The Lancaster County Winery is the place for you. They have a tour that explains both growing grapes and the process of making wine.

Just want to have fun? Across the highway from our hotel is Dutch Wonderland, 44 acres of rides, botanical gardens and shows. Hope you can find time to squeeze in just a few of the above sights with our busy convention schedule. Better yet, stay a little longer and see them all. The convention will be held April 19 - 24, 1993.

## AVSA Judges, Affiliates & Commercial Members

### AVSA Judges, \*Senior Judges, mMaster Judges, s Student Judges and +Teachers

#### BERMUDA

- s Aitken, Mary Beth, 64 Harrington Sound Dr., Hamilton Parish CR 04
- s Dow, Roberta L., P. O. Box HM 834, Hamilton HM CX Foggo, Elaine S., P. O. Box DD 202, St. David's DDBX
- s Smith, Andrea, P. O. Box HM2467, Hamilton 5

#### CANADA

- s Anderson, Darlene, #1801 190 Exbury Road, Downsview, Ontario M3M 1R8
- s Beaver, Ina, 2 Shamrock Dr., Dartmouth, NS B3A 2Y7 Belanger, Claude, 3110 Place Byzance, Brossard, Quebec J4Z 2T9
- \*Bell, Mrs. Jean, Codys RR 4, Queens County, NB E0E 1E0
- \*Belliveau, Eva, 10 Vista Dr., Moncton NB E1A 4L5
- s Biljan, Angele, 5 Oakridge Blvd., Nepean, Ontario K2G 2T6
- s Bowes, Mrs. L. G., 17321 60 Ave., Edmonton, Alberta T6M 1E9
- s Brooks, Susan A., 260 Douglas Ave., St. John Prov., NB E2K 1E6
- \*Brownlie, Doris M., 600 Silvercreek Blvd. #80, Mississauga, Ontario L5A 2B4
- Cain, Francine, 45 Wright Dr., Moncton NB E1E 2H3
- s Chevrefils, Rolland, 419 BL. Grenier Sud, Lac Pare RR1 Chertsey, Quebec J0K 3K0
- s Chevrefils, Denyse, 419 BL. Grenier Sud, Lac Pare RR1 Chertsey, Quebec J0K 3K0
- Corbett, Sharon J., 8206 162 St., Edmonton, Alberta T5R 2L7
- Croteau, Denis, 3055 Ter Abenaquis, Longueil, Quebec J4M 2B6
- Cruz, Vasco, 211 Greer Road, Toronto, Ontario M5M 3N5
- s Cunningham, Betty, 466 Falgarwood Drive, Oakville, Ontario L6H 1N3
- Dawson, Marie, 36 High St., Hamilton, Ontario L8T 3Z3
- Decelles, Therese, 298 De Jumonville, Boucherville J4B 1J9
- Decelles, Yvon, 298 De Jumonville, Boucherville J4B 1J9
- s Despins, David, 11203 105 St., Edmonton, Alberta T5G 2M4
- s Douglas, F. M., 232 Southampton Dr. SW, Calgary, Alberta T2W 0V7
- \*Durand, Greta, #317-21 Lakeshore Rd., Pointe Claire, Quebec H9S 5N3
- Elston, Eleanor, 4 Superior Ave., #18, Toronto, Ontario M8V 2M4
- Goretsky, Winston J., 3308 Barr Rd. NW, Calgary, Alberta T2L 1M8
- Goulding, Mary S., 1096 Ridgewood Dr., Halifax, NS B3H 3Y4
- s Hargeshelmer, Erika, 81 Woodpath Terr SW, Calgary, Alberta T2W 5Z6
- Harriman, R. F., 3475 Trenholme Ave., Montreal, Quebec H4B 1X8
- s Hauptman, Al, 4 Valleyview Crescent, Edmonton, Alberta T5R 5S4
- s Hayward, Sharon, 10640 Shillington Cr. SW, Calgary, Alberta T2W 0N7

- s Heazle, Ralph, 70 16th St., Roxboro, Quebec H8Y 1P2
- Henry, Irene, 349 Hyman Dr., Dollard Des Ormeaux, Quebec H9B 1L5
- s Herbatuk, Ann, 2400 Auvergne, Duvernay, Laval, Quebec H7E 1Z4
- Hughes, Mrs. Frank, 14 MacArthur Ave., Moncton, NB E1C 3L8
- s Hussey, Keith, 1401 8315-105 St., Edmonton, Alberta T6E 4H4
- Jarratt, Margaret V., 120 Oak Church Place SW, Calgary, Alberta T2V 4B5
- Johnson, Louise, P. O. Box 107, Hudson Heights, Quebec J0P 1J0
- Kesowan, Murna A., 57 Davidson St., Barrie, Ontario L4M 3S1
- Laws, Charles E., 4331 Juneau, Pierrefonds Quebec H9H 2C8
- Lewis, Hilda, 202 Spring Park Rd., Charlottetown, PEI C1A 3Y9
- +\*Lex, Sandra, 70 Enfield Ave., Toronto, Ontario M8W 1T9
- s Lumley, Carol, 8448 64 Ave. NW, Calgary, Alberta T3B 4H3
- McCabe, Robert, 769 Holt Cres., Ottawa, Ontario
- s McDonald, Joanna, 4329 Riverbend Rd., Edmonton, Alberta T6H 5H9
- s McPhail, Rita, 6904 Bilbao Lane, Mississauga, Ontario L5N 1R2
- s Miner, Mary, 193 Greenoch Crescent, Edmonton, Alberta T6L 1W6
- Mitchell, Mrs. L., 12911-82 St., Edmonton, Alberta T5E 2T3
- \* Moffett, Anne, 36 Moffett Ave., Sussex, New Brunswick E0E 1P1
- s Nagy, Betty, 424 Douglasbank Ct. SE, Calgary, Alberta T2Z 1X1
- s Naroznick, Brenda, #18131 Templehill Dr. NE, Calgary, Alberta T1Y 4T1
- s Owens, Dorothy, 25 Medford St., Dart., NS B2Y 3C2
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**SHIRLEY'S HOUSE OF VIOLETS**, Shirley L. Sanders, 1034 Rayburn Dr., San Antonio 78221  
**SWIFTS'**, John A. Swift, P. O. Box 28012, Dallas 75228  
**TEAS NURSERY**, Paul Downs, 4400 Bellaire Blvd., Bellaire 77401  
**THE AFRICAN VIOLETRY**, Meredith Hall, 922 E. 14th, Houston 77009  
**THE JOY OF VIOLETS**, Joyce Smith, P. O. Box 120873, Arlington 76012  
**THE VIOLET ROOM**, Melba Bradberry, 1406 Burke, Pasadena 77502  
**VIOLETS 'N GIFTS**, Helen Payne, 5415 Bellaire Blvd., Bellaire 77401  
**VOLKMANN BROS. GREENHOUSE**, Walter Volkmann, 2714 Minert St., Dallas 75219  
**VOLKMANN GARDENS**, 3714 Old Settlers Rd., Flower Mound 75028

**VIRGINIA**  
**HELEN'S FOLLY**, Helen Homyer, 6403 Limerick Ct., Springfield 22152  
**ROCKY KNOLL GREENHOUSE**, Mrs. Richard A. Thomas, 830 S. Ellison Ln., Waynesboro 22980  
**SHENANDOAH VALLEY VIOLETS**, Roger Bower, 166 Accomack Ave., Stephens City 22655

**WASHINGTON**  
**AFRICAN VIOLETS OF SPOKANE**, Ann Malinak, E 16114 Valley Way, Veradale 99037  
**GRUENHAGEN'S GREENERY**, Lowell Gruenhagen, 4067 SW College, Seattle 98116  
**HENRY'S PLANT FARM**, 4522 132nd St. SE, Snohomish 98290  
**TANAWAX CREEK VIOLETS**, Nancy Walter, P. O. Box 760, Eatonville 98328

**WEST VIRGINIA**  
**HOUSEPLANT MAGAZINE**, Mark Branciaroli, Rt. 1, Box 271-2, Elkins/Randolph Co. Airport, Elkins 26241  
**RAINBOW MAGIC CORPORATION**, Raymond Taylor, 816 7th St., Huntington 25701

**WISCONSIN**  
**ELIZABETH B. GOLLEDGE**, Rt. #3 Box 87-X, River Falls 54022  
**JANET L. HATCHER**, 505 Maona Ave., Fond du lac 54935  
**BELISLE'S VIOLET HOUSE**, Marcia Belisle, P. O. Box 111, Radisson 54867  
**BENIGER GREEN HAUS**, 821 No. 11th St., Sheboygan 53081  
**PAT ROBINSON PLANTS**, Pat Robinson, 1641 Bruce Lane, Green Bay 54303  
**SUPERIOR NURSERY LABELS**, James Misfeldt, 1501 N. 21st St., Superior 54880  
**THE VIOLET EXPRESS**, Genola B. Cox, 1441 Everett Rd., Eagle River 54521  
**VIOLETS GALORE AT GORALS**, Barbara Coral, 132 Joan Ave., Green Bay 54302

*Any changes, additions, deletions,  
 corrections to this supplement  
 should be sent to the:*

*AVSA Office  
 P. O. Box 3609, Beaumont, TX 77704*

*Any changes, additions, deletions,  
 corrections to the list of AVSA Judges  
 should be sent to:*

*Bill Foster, Shows & Judges Chair  
 3610 Gray Drive, Mesquite, TX 75150*



(top) **ALWAYS PINK** (Khoe miniature trailer) grown by Enid Wood, Menlo Park, CA  
(left) **LITTLE DOLL** (Sorano semiminiature) grown by Donna Silletto, San Dimas, CA  
(right) **OPTIMARA® LITTLE CRYSTAL** (Holtkamp miniature) grown by Carroll Gealy,  
Westlake Village, CA

# COMING EVENTS

**SEPTEMBER 4 & 5 ILLINOIS** — African Violet Fanciers, Inc. sale/display, Freeport Lincoln Mall, US Rt. 20, West Freeport. Florise M. Hogan, president, 815-397-2000.

**SEPTEMBER 5 IOWA** — Evening AVC of Des Moines sale, Botanical Center, multi-purpose room. 10 a.m. - 2 p.m. For information: Kathy Mathews, 515-674-4025.

**SEPTEMBER 18 - 20 TEXAS** — Alpha AVS of Dallas clinic/sale, Olla Podrida, 12215 Colt Road, between Forrest Lane and LBJ Freeway, Dallas. Sept. 4, 10 a.m. - 9 p.m.; Sept. 5 & 6, 10 a.m. - 6 p.m. Free admission and parking. For information: Kathy Dorman, 214-475-7668.

**SEPTEMBER 18 & 19 ILLINOIS** — African Violet Fanciers, Inc. sale/display, Colonial Village Mall, Alpine & Newburg, Rockford. Florise M. Hogan, president, 815-397-2000.

**SEPTEMBER 19 MISSOURI** — Metropolitan St. Louis AV Council's 10th annual display/sale, Fashion Mall of West Port Plaza, St. Louis. Free admission, open to the public.

**SEPTEMBER 19 & 20 CALIFORNIA** — Heartland AVS show/sale, "Our Love of Violets," Balboa Park, Casa del Prado, Room #101, San Diego. Both days, 10 a.m. - 4 p.m. Free admission, free parking. Kemary Crowder, show chair.

**SEPTEMBER 25 & 26 LOUISIANA** — Top Choice AVS sale/questions and answers; Pierre Bossier Mall, 2950 Texas E., Bossier City (close to I20). Both days, 9 a.m. - 6 p.m. For more information: Elizabeth Wilson, 318-868-3215.

**SEPTEMBER 25 - 27 TENNESSEE** — The Memphis AVS display/sale, "Violets Olé," Memphis Botanic Garden, Goldsmith Civic Garden Center, 750 Cherry Road, Memphis. Olivette Yancey, show chair.

**SEPTEMBER 26 & 27 NE-**

**BRASKA** — The Omaha AVS exhibit/sale, Crossroads Shopping Center, 72nd and Dodge, Omaha. Sept. 26, 10 a.m. - 9 p.m.; Sept. 27, noon - 5 p.m. For information: Mary Krebs, 402-331-5498.

**SEPTEMBER 26 & 27 MARYLAND** — SugarLoaf Mountain VS' third annual show/sale, "Violets Along SugarLoaf's Trail," Francis Scott Key Mall, 5500 Buckeystown Pike, Frederick (junction of Route 85 and I-270, exit 31-A). Sept. 26, 1 - 9 p.m.; Sept. 27, noon - 4 p.m. Public invited, free admission. For information: Ardrea Burrell, chair, 301-585-2094 or Nellie Delgado, cochair, 301-898-3076.

**OCTOBER 2 & 3 TEXAS** — The First AVS of San Antonio show/sale, North Star Mall, 10 a.m. - 6 p.m., both days. Free admission.

**OCTOBER 2 - 4 WISCONSIN** — Wisconsin Council of AV Clubs show/sale, "Our Favorite Things," Regency Mall, intersection of hwy. 11 and 31 (take Hwy. 11 exit off I-94 east to Racine), Racine. Show and sale are free and open to the public during all mall hours. For more information: Karter Wilkening, show chair, 414-321-8161.

**OCTOBER 2 - 4 ILLINOIS** — African Violet Fanciers, Inc. sale/display, Cherryvale Mall, I-90 Exit & Harrison, Rockford. Florise M. Hogan, president, 815-397-2000.

**OCTOBER 3 WASHINGTON** — Saintpaulia Society of Tacoma sale, Poole's, 6th & Union, Tacoma. 10 a.m. - 3 p.m. Blossom display.

**OCTOBER 3 & 4 PENNSYLVANIA** — The Pittsburgh Violet Society show/sale, "Violets - A Harvest of Dreams," Northland Public Library, 300 Cumberland Road (North Hills - between Route 19 & McKnight), both days, 1 - 5 p.m. Free admission, public welcome. For more information: Linda Mangold, 412-487-4018.

**OCTOBER 3 & 4 MICHIGAN** —

Michigan State AVS' 30th annual show/sale, Matthaei Botanical Gardens, Dixboro Rd., Ann Arbor. Oct. 3, noon - 4:30; Oct. 4, 10 a.m. - 4 p.m. Open to public, free admission. Educational session, Oct. 3, 10 a.m. For information call 517-631-6129 or 517-835-9864. Loreen Spycher, show chair.

**OCTOBER 3 & 4 NEW YORK** — Mark Twain AVS show/sale, Elmira Garden Club, corner of Fulton and Franklin streets, Elmira. (behind St. Mary's Church auditorium). Oct. 3, 10 a.m. - 4 p.m.; Oct. 4, 1 - 4 p.m. Free admission, public is invited. Slide show, Sunday, 3 p.m. For information - Karen McConnell, show chair, 607-733-1308, evenings.

**OCTOBER 3 & 4 TEXAS** — Spring Branch AVC sale, Memorial City Mall, Foley's/Palais Royal shopping area. Oct. 3, 10 a.m. - 9 p.m.; Oct. 4, noon - 5 p.m. (or until sold out).

**OCTOBER 9 & 10 OREGON** — Portland AVS sale, Eastport Plaza, S. E. 82nd, between Powell and Holgate, Portland. Oct. 9, 10 a.m. - 9 p.m.; Oct. 10, 10 a.m. - 6 p.m.

**OCTOBER 9 - 11 TENNESSEE** — Bluff City AVC display/sale, "A Centennial Celebration," Park Place Mall, Park Place at Ridgeway, Memphis. Oct. 9 & 10, 10 a.m. - 8 p.m.; Oct. 11, 1 - 5 p.m. Free admission, handicap accessible. George McDonald, show chair, 502-365-9118.

**OCTOBER 10 & 11 ILLINOIS** — Glenview/North Shore AVS display/sale, Botanic Gardens, Lake-Cook Road just east of Edens Expwy.

**OCTOBER 10 & 11 CALIFORNIA** — AV Council of Southern California show/sale, "African Violets, America's Favorite Hobby," Buena Park Mall, Dale & La Palma, Buena Park. Regular mall hours, free admission, public invited.

**OCTOBER 10 & 11 MISSOURI** — Gateway West Gesneriad Society show/display, "Gesneriads Around the World," Missouri Botanical Gardens.

**OCTOBER 16 & 17 MINNESOTA** — North Star AV Council show/sale, "Violets Get Hooked on the Classics," Southtown Shopping Center (Oldtown area), 494 & Penn Ave., Bloomington. Open to the

public during mall hours, free admission. Gail & Jim Graf and Sandy Miller, chairpersons.

**OCTOBER 16 - 25 NORTH CAROLINA** — Green Thumb AVS of Rocky Mount & vicinity will sponsor an African violet display in the greenhouse at rear of flower building, North Carolina State Fair, Raleigh.

**OCTOBER 17 & 18 TEXAS** — The First AVS of Austin display/sale, Austin Area Garden Center, Zilker Botanical Garden, Austin. Both days, 10 a.m. - 5 p.m. Free admission. For more information: Mary Beale, show chair, 512-453-2732.

**OCTOBER 17 & 18 CALIFORNIA** — Delta Gesneriad and AVS show/sale, "African Violets and Gesneriads at the Movies," Sacramento Garden and Art Center, 3330 McKinley Blvd., Sacramento. Oct. 17, 2 - 6 p.m.; Oct. 18, 10 a.m. - 5 p.m. Free admission and parking, public invited. Jean Stokes, show chair, 916-421-7284.

**OCTOBER 17 & 18 GEORGIA** — AVC of Greater Atlanta's 16th annual show/sale, "A Peach of a Violet," Atlanta Botanical Garden Day Hall. Both days, noon - 5 p.m. Kathy Spissman, show chair, 939-5289 (after 7 pm).

**OCTOBER 23 & 24 FLORIDA** — AVS of Jacksonville show/sale, "Violets Go Halloween," Roosevelt Mall, 4533 Colonial Dr., Jacksonville. Mall hours, Lucy Wall, show chair, 904-757-5708.

**OCTOBER 23 & 24 ILLINOIS** — African Violet Fanciers, Inc. sale/display, North Towne Mall, North Main & Riverside, Rockford. Florise M. Hogan, president, 815-397-2000.

**OCTOBER 24 & 25 CONNECTICUT** — Nutmeg AVS show/sale, Branford Motor Inn, Exit 55, I-95, Branford. Oct. 24, 1 - 5 p.m.; Oct. 25, 10 a.m. - 4 p.m. Open to the public, free admission, door prizes. Roger Wheeler, show chair. For information call 203-281-1715.

**OCTOBER 24 & 25 OKLAHOMA** — Missouri Valley AV Council show/sale, "Violets — A Century of Treasures," Tulsa Grand Hotel, 5000 East Skelly Dr., Tulsa. Oct. 24, noon - 4 p.m.; Oct. 25, 10 a.m. - 4 p.m. Jeanne Cotten, show chair.

**OCTOBER 24 & 25 WISCON-**

**SIN** — Green Bay Area AVS display/sale, Port Plaza Mall. Oct. 24, 10 a.m. - 5 p.m.; Oct. 25, noon - 5 p.m.

**OCTOBER 29 - 31 MARYLAND**

— Mid-Atlantic AVS show/sale, "Those Bewitching Violets," Holiday Inn-Timonium Plaza, Baltimore. Open to the public. Oct. 31, 9 a.m. - 4 p.m. Janet Haag, convention chair, 410-377-8753; Diane Richardson, show chair, 410-686-4667.

**OCTOBER 30 & 31 TEXAS** —

Lone Star AVS convention/show, "LSAVC Celebrates Sweet 16," Radisson Hotel, 2330 W. Northwest Hwy./Stemmons, Dallas. Public invited Oct. 31, 2:30 - 6 p.m. and 9 - 11 p.m. For information: Kathy Dorman, 214-475-7668.

**OCTOBER 31 & NOVEMBER 1**

**MISSOURI** — Mid America AVS show, "Celebrating 100 Years of Violets," Loose Park Garden Center, Kansas City. Both days, 10 a.m. - 4 p.m. Grace McCurnin, showchair; Sue Knobbe, Asst. Show Chair.

**NOVEMBER 6 & 7 WASHINGTON** —

The Longview AVC show/sale, Triangle Mall, Longview. Virginia Bailey, president.

**NOVEMBER 6 & 7 WISCONSIN**

— African Violet Fanciers, Inc. sale/display, Beloit Mall, Rt. 51, North Beloit. Florise M. Hogan, president, 815-397-2000.

**NOVEMBER 7 NORTH CAROLINA** — Green Thumb AVS show/sale, Tarrytown Mall, Rocky Mount.

10 a.m. - 9 p.m.

**NOVEMBER 6 - 8 MINNESOTA**

— Minnesota AVS show/sale, "Centennial Celebration," Har Mar Mall, N. Snelling Ave. at County Road B, Roseville (north suburban St. Paul, just south of Hwy. 36). Nov. 6, 10 a.m. - 9 p.m.; Nov. 7, 10 a.m. - 6 p.m. Nov. 8, noon - 5 p.m. Public invited, free admission. For more information: Jeán Ness, show chair, 612-429-4109.

**NOVEMBER 6 - 8 CALIFORNIA**

— The Northern & Southern California African Violet Councils will host the third state convention, "From Vines to Violets," Doubletree Hotel, 3555 Round Barn Blvd., Santa Rosa. Show room hours: Nov. 7, 2 - 5 p.m.; 9 - 11 p.m.; Nov. 8, 9 a.m. - noon; Sales room hours: Nov. 6, 9 a.m. - noon; 1:30 - 5:30

p.m.; 7 - 9 p.m.; Nov. 7, 9 a.m. - noon, 1:30 - 5 p.m., 9 - 11 p.m.; Nov. 8, 9 a.m. - noon. Free admission to the public. Marie Beeman, convention chair, 707-433-2669; Gary Beck, show chair.

**NOVEMBER 7 & 8 NEW JERSEY** —

Tristate AV Council's 30th annual show/sale, "Ports O' Call," Frelinghuysen Arboretum, 53 E. Hanover Ave., Morristown. Nov. 7, 1:30 - 6 p.m.; Nov. 8, 10 a.m. - 4 p.m. Free admission. Rhona Thurman, show chair. For more information: 609-499-3395.

**NOVEMBER 14 & 15 COLORADO** —

The Gloxinia Gesneriad Growers of the Rocky Mountain AV Council show/sale, "Gesneriads in the Enchanted Forest," Denver Botanic Gardens, John Mitchell Hall, 1005 York St., Denver. Nov. 14, 1 - 4:30 p.m.; Nov. 15, 10 a.m. - 4 p.m. Admission to the Gardens is \$3.00 and \$1.50 for seniors. Richard Schmaltz, show chair, 303-238-3084.

**NOVEMBER 14 & 15 TEXAS** —

The AV Study Club of Houston's 19th annual show/sale, "Violets in Vegas," Houston Garden Center, 1500 Hermann Dr., Houston. Nov. 14, 2 - 6 p.m.; Nov. 15, noon - 4 p.m. Free admission. Gerri Goins, show chair; Jane Rexilius, cochair.

#### JUDGING SCHOOLS

**SEPTEMBER 18-19 TORONTO**

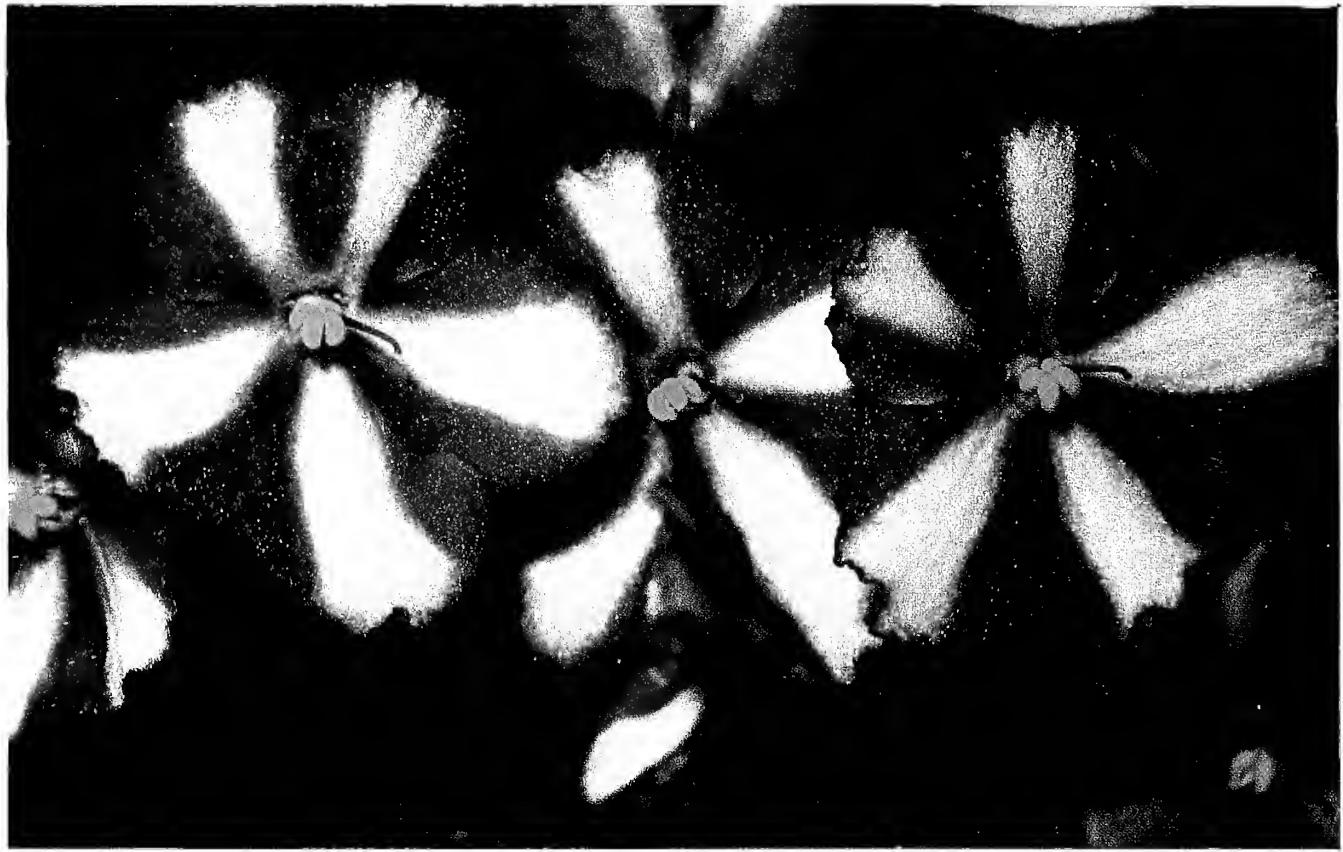
— The AVSA Judges Council of Ontario will be sponsoring a judging school, 466 Falgarwood Dr., Oakville, Ontario. Betty Tapping will be the teacher. For more information: Doris Brownlie, 416-270-6776.

**OCTOBER 29 MARYLAND** —

AVSA approved school sponsored by and held during the Mid-Atlantic AVS convention, Holiday Inn-Timonium, Timonium. Teacher: Betty Tapping. For more information: Julia Stahl, 86S. Hershey Rd., Harrisburg, PA 17112.

**NOVEMBER 14 NEW YORK** —

Metropolitan Regional Council of AV Judges will sponsor a judging school for all AVSA members. Christ Lutheran Church, 300 Hillside Avenue South, New Hyde Park. 9 a.m. Teacher: Gloria Rutmayer, 2 Hampton St., Hauppauge 11788, ph. 516-234-5155; Marianne Gershon, chair, 718-225-0180.



Rob's Swizzle Stick

**"ROB" ROBINSON**

Rob's Heebie Jeebie





Vagabond

**HORTENSE PITTMAN**

Teen Sweetheart



# My Violets are SUFFERING ... from CMS\*

MAGGI CRIST

8562 Fireside Avenue, San Diego, CA 92123

Why don't you just throw them all away? My friend was asking me the question I had asked myself a dozen times. I had been telling her all about how I had spent *still another* whole day carrying all the African violets from my light garden, window greenhouse and window sill, outdoors, then throwing away the worst looking ones, while repotting and spraying (again) the remaining ones with bug killer.

With a full-time job, a family, and a good-sized yard (including a "mostly orchids" greenhouse) to tend, I really don't have a lot of whole days to spend on just one chore.

I have told myself over and over again—"that whole collection of African violets probably didn't cost as much as one or two of the orchids — so just pitch them in the trash!" Something keeps me from doing it, then and there. Is it the little voice that says, "But you can't throw that one away, it's that really pretty chimera and you may not be able to find another one like it," or "maybe you should just take a couple of leaves from it before you toss the rest out—you've never even seen this one bloom!" Perhaps it's just plain hard-headed stubbornness, the determination to solve a problem no matter what.

Or, is it a tender-hearted feeling toward a little fuzzy "pet"

that's real sick, but not quite dead?

My *Saintpaulias* had the "crud." They had it for almost two years. The problem didn't really show up on them until I'd wait and wait for a leaf to grow into a plant, and the plant would mature enough to bloom. Just about that time, the center of the plant would start curling up and turning "grayish" and hardening. All the symptoms of the DREADED CYCLAMEN MITE!

I identified the problem right from the beginning, but couldn't control it. (No experienced grower is surprised to hear that, I'll bet.) Sometimes I would think that perhaps I had mis-identified the "cause" (probably just wishful thinking) and, in hopes of being able to find a "cure," I would go a completely different route in studying, questioning and appraising the circumstances.

For a while, I had myself convinced that the problem must be blossom thrips, since it seemed to happen only to the plants that were about ready to bloom or were already blooming. But then I did have blossom thrips once upon a time, and not only could I see them moving around on the flowers with my "naked" eye, the plants didn't behave at all the same. The more I read on that particular subject, the more I realized that the exact symptoms didn't fit thrips

at all—but exactly fit the "CMS" \*(Cyclamen Mite Scourge) description.

I also once thought that it might be something having to do with our very hard water in San Diego, and began using bottled water or rainwater (when I could collect it) for watering. The plants looked happier with this "clean water," than ever before, but it was a kind of dying happy instead of sad — they still died.

Asking lots of questions of lots of "experts" was NOT lots of help. I called a shop that specializes in African violets, and the man there said they had never had that problem in their collection at all, because at the first sign they would spray with malathion at the rate of 1/4 teaspoon per gallon of tepid water, once a week for three weeks. That would end it right then and there, he said.

In a catalog from which I order supplies for the light cart and the violets, it said I should use a certain miticide spray, which I promptly ordered from them. After using both the malathion method (although admittedly not at the first sign of trouble), and later the miticide, I still had a problem.

At a local African violet show, I asked about cyclamen mites, and a nice woman referred me to an equally nice woman, saying she was the "expert" on

violets. The second woman told me to throw out my plants! I already had thought of that! She also said, "Do NOT even try to save a leaf."

Searching for a solution seemed hopeless!

I'm not new to African violet growing, in fact — it runs in my family. My grandmother always had her windows full of them, although I remember mostly (and maybe only) blue ones then. As a newlywed I had a nice wrought iron stand with eight arms, each holding a plant, and a little later on, in addition to the wrought iron stand, I also obtained a "florist cart" made of metal and painted white. It held quite a few plants, and they thrived in the windows of my home. That was over 30 years ago and now I'm the grandmother with violets — and a whole lot of other plants.

When I say that I "sprayed the violets," I must add that I also took the entire light garden outside on the patio, washed it with strong soap and bleach and after drying it in the sun, sprayed it, also. Meanwhile, I would clean the area in the house where the stand sits, vacuuming the carpet and in one case even spraying the carpet in the room. I was told that there must be plants outside the house and they have the bugs, so that as soon as I thought my violets were clean, these bugs were coming back in — either through the windows, on the breezes, on our clothing, or perhaps on fresh flowers I bring in to arrange and enjoy. I didn't believe that.

Finally, while talking to a friend who owns a local greenhouse/plant business, he

mentioned that he had an insecticide that worked wonders on his African violets when they had cyclamen mite. He said it was pretty expensive to buy a bottle, but it took so little to make up a gallon of spray that he would share a few drops with me. The name of this product is AVID and he explained how to mix it and what precautions to take for its use.

It worked.

That was over six months ago, and I'm happy to report that my violets are all fine now. I had thrown away the worst looking ones, of course, but the rest are thriving, and blooming, and in

an effort to rescue some of the sickly ones, I created a population explosion by rooting leaves of most of my collection. I would take leaves which were apparently healthy, from a plant which was infested with the mites, and sometimes I'd swish the leaves in lukewarm water with a drop of dishwashing liquid in it, then in clear lukewarm water to rinse. Other times I'd spray the leaf with malathion or other insecticides. Both methods seemed to work OK, most leaves sent up new plantlets in due time. Now I'm busily giving plants away to friends and co-workers because I've run out of room!

## Boyce Edens Research Fund

MARLENE BUCK  
P. O. Box 38  
Oreland, PA 19075

**Contributors Please Note:** When making a donation be sure to include the way you want your club's name listed in the AVM. Also, be sure and list the correct city and state where your club is located.

Donations received from March 20, 1992 through May 20, 1992:

"Happiness Is" AVS, Longmont, CO .....	10.00	Chillicothe, OH in memory of Hugh Eyerdom, our friend, who contributed so much to the world of African violets by his interest in research and development in the areas of hybridization, tissue culture, etc. ....	50.00
Long Island AVS, Freeport, NY .....	25.00	Normandy AVC, St. Louis, MO in memory of Grace Kochis .....	10.00
Magic Knight AVS, San Antonio, TX .....	10.00	Louise & Fayette Merritt, Pensacola, FL in memory of Marion Pyle .....	25.00
Four Seasons AVC, Groves, TX.....	20.00	Pikes Peak AVS, Colorado Springs, CO .....	5.00
Don L. Thornburg, Oakland, CA .....	10.00	AVS of Minnesota, St. Paul .....	25.00
Gregory B. Sedgwick, Alexandria, VA .....	5.00	The Heart of Dixie AVS, Dothan, AL from Peg Phythyon, in lieu of judges travel expenses .....	25.00
Frank and Anne Tinari, Huntingdon Valley, PA in memory of Hugh Eyerdom of Granger Gardens. Hybridizer, dear friend and fellow AVSA Research Committee member ..	25.00		
Emilie Savage & Viola Tucker,			

**Make plans now to attend the 1993  
AVSA Convention/Show in Lancaster, PA**



Melodie Kimi (Sunnyside)

Magic Trail (Pittman)



# AVSA Commercials

## ... a closer look



DAVID BUTTRAM

P. O. Box 193

Independence, MO 64051

### Shirley's House of Violets - San Antonio, Texas

A young exchange student from Australia recently told me of his love and fascination for the United States. He said, "Mr. Buttram, your country has so much history. Your past is rich and colorful. My country is great and I love it, but nothing has really happened there."

Truly ours is a historically rich and diverse land. It is a mosaic composed of eager, intelligent, hard-working people from around the globe. Many cities live comfortably with their past as well as the present and

future. New Orleans, San Francisco and San Antonio are three such cities. It is to the latter that we visit, for this column.

Shirley's House of Violets is located south of downtown San Antonio, not far from the Alamo and the Tower of the Americas. The neighborhood is quiet and stable and well suited for the Sanders and their thousands of African violets and three cats.

Shirley started growing African violets in 1980 when her brother Harold Hobbs, gave her a starter plant of 'Sweet Dreams'

by Nadeau. "Now, I want you to know I planted it with my own hands and I want you to make it grow and be pretty," challenged Harold.

Sandy, Shirley's husband of almost 40 years, prepared a growing area by installing two fluorescent fixtures in a spare bedroom. Four 12" x 22" trays were used initially. Shirley remembers well the results: "Then there were more violets, more violets until finally Sandy said, 'That's it. No more, no more.'" But there were more. In

Sandy and Shirley Sanders with some of their paintings and numerous awards.

Shirley's House of Violets San Antonio, Texas



fact, about a year later, with a Volkmann's Plant Stand filled and the floor covered with plants, Sandy told Shirley, "That's it. If you will clean out the garage, I'll remodel it and make it into a little violet shop for you."

"I didn't really think she would do it," said Sandy with a laugh. "I just wanted the garage cleaned out."

"After four trips to Goodwill and as many trips to the city dump — and a carport sale, I said, 'There it is, Sandy' and he stood by his promise. He put a ceiling in and we negotiated with Bud Wilson for four 8' benches."

At the urging of Dottie Wilson, Shirley began advertising in the *African Violet Magazine* in 1985. "That's the way it started and every year we make more violet friends." That sums up their business philosophy. Again, "We don't have customers, we have friends." Dollars and cents don't really matter, but rather the number of friends they make.

As a housewife, Shirley always wanted a small business

she could operate from her home. Her African violets afford such an opportunity and she sells by mail, primarily, although visitors are welcome at the home when appointments have been made.

Shirley's current list is 13 pages long and includes one page of growing supplies. Plants and leaves are sold with standards and miniatures and semiminiatures being equally represented on the list. Shirley prefers to exhibit miniatures at the many shows and conventions they attend each year.

Several varieties listed in Shirley's 1992 catalog are the beautiful semiminiatures hybridized by Harold Hobbs, Shirley's brother. These outstanding cultivars have been named with the series name of Dean's. One of my favorites is Dean's Kitten. There is Dean's Cupid and Dean's Peach Blush. Also, there is Dean's ... oops, I had better stop here and suggest that you obtain Shirley's list and decide for yourself.

Harold Hobbs suffered

greatly with arthritis of the spine and heart problems before his death about a year ago. He had another physical problem that would seemingly affect his ability to be a good hybridizer — he was color blind. Rather than breed for color, he concentrated on texture of petals, size and shape of blooms and other characteristics. Many seed pods remain, and his legacy will live on for many years.

If it's not broken, don't fix it. That simple, home-spun philosophy applies to the Sanders' growing medium. They started with a formula that worked and they have not altered it one whit over the years. The recipe came from cross town friends, Hortense and Sundown Pittman. The mix is:

4 gallons peat  
4 gallons vermiculite (coarse)  
2 gallons perlite  
1 quart charcoal (horticulture grade)  
1 teaspoon trace elements  
1/2 cup dolomite lime  
1 gallon water to promote even mixing

Shirley and Sandy have used a wide variety of insecticides over the years. Presently they like PT 1300 for thrips. It does not damage the blooms or foliage and can be used right up to show time. On the insecticide shelf at Shirley's you will also find Avid, Knox-Out, Oxamyl and Pentac. Because the violet house is detached from the house, stronger chemicals can be safely used. After an application of an insecticide, no one enters the house for about three days, allowing for a complete and thorough penetration.

A mix of cool white, Gro-Lux and Wide-Spectrum Gro-Lux



Inside Shirley's House of Violets



*A closeup of some of Shirley's plants*

tubes illuminate 8' and 4' stands. As the tubes and fluorescent ballasts heat up during the day, a heavy load is placed on the two-ton air conditioner which runs 24 hours a day.

An electric heater is close by if it should ever be needed. The temperatures in San Antonio seldom get very cold, so the heater has never been used. Shirley notes that temperatures have plummeted to zero. When that happened, the Sanders "reversed" the lighting by turning the lights on during the night and off during the day.

Sandy saw to it during the remodeling that the building was well insulated. Indeed, with 12" of insulation in the ceiling and a R11 insulation in the walls, the temperatures can be better controlled. One drawback is the high humidity. The air conditioner needs the help of a dehumidifier, but the relative humidity still stays about 75%.

The high relative humidity comes from the wick watering system Shirley uses. Pots are wicked with nylon cord. Not just

any nylon cord, but a #36 cord ordered specially from a fishing net company in Louisiana. The wicks are in a constant feed water containing Peters 12-36-14. Show plants receive a boost of Peters 5-50-15, three to four months before exhibition.

Before going back to the violet house, I asked about the huge, fluffy gray cat that seemed curious about me. That, I was told, was Smoky, a chinchilla Persian. Shirley told me that they have "... three cats. An indoor cat, Smoky. An indoor/outdoor cat named Tubby, and

Cali, a calico which is an outdoor cat that will go into the violet house, but never the home. Maybe he is afraid of Smoky."

Saturday night pinochle games with Hortense and Ray Pittman are punctuated by the antics of Smoky and Reddy, a red French poodle of the Pittman household.

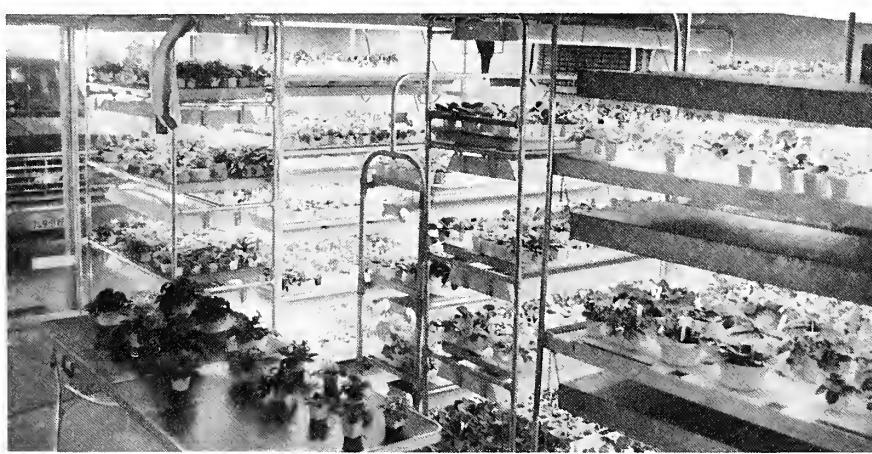
Now, to the violet house. It was immaculate, orderly and gorgeous. Many of the sales plants were of show quality. A few of Shirley's oil paintings of African violets were displayed on one wall with many ribbons and rosettes close by.

After a quick once-over, and a photo session, I had to leave. Pardon the cliche, but time really does go by quickly when you are having a good time. What better time is there than to be with friends talking and sharing about those things you love.

Heading out of San Antonio, I was once again reminded of the history that great city holds in its soul.

And, I was reminded that a great future lies before us with friends like Shirley and Sandy Sanders.

Adios.



*Left side of Shirley's House of Violets, San Antonio, TX.*

# In Friendship to Russia and the Ukraine

MARY E. GALL

Mary's Violet Joy

3200 W. 82nd Terrace

Leawood, KS 66206

In March, 1991, I received a letter written in English from Svetlana Prilutzkalya, an African violet grower from the Ukraine. Svetlana hoped that we might write to one another. I wrote to Svetlana about methods of growing violets, the members of Mid-America AVS, the general Kansas City area, and sent a small package containing a soil sample, violet seeds, and some fertilizer. The return letter from Svetlana arrived in late July! It can take up to two months for a letter to be delivered in the form USSR countries. This letter was written in the Slavic language, so I asked a local tailor who had emigrated from the USSR, for translation. Svetlana's words struck me like a bolt of lightning

— "The fertilizer was like a miracle!"

When I asked the tailor how anyone could consider ordinary fertilizer a precious commodity, I received a stern lecture on how lucky we are in America and how little we appreciate the availability of the goods, our freedom, etc. This wasn't a short lecture!

Svetlana is married, has a 7-year-old son and 2-year-old daughter. They live in a house with a garden and flowers, in a small town near Zaparosia, Ukraine. Svetlana hybridizes African violets which are grown under fluorescent lights. She sent some of her seeds and asked if I might send her an old issue of the *African Violet Magazine*. Svetlana told me that if I wished

to send her seeds, to package them so "no one can see or feel" them in an envelope. All parcels sent to the former USSR countries are opened for inspection.

In subsequent correspondence with Svetlana, I have learned that she belongs to a garden club and all of the members would be delighted to hear from other African violet growers in America. You can write to the club members c/o Svetlana (see address at end of this article.)

My correspondence with Vladimir and Marina Fjodorov began with a phone conversation with AVM editor, Jane Birge. The AVSA office had received a mailing from Vladimir; Jane sent a copy to me. When *The Kansas City Star* reported that several

Hyatt Hotel managers were going to Moscow to conduct hotel training, I asked Steve Trent, manager of the Hyatt Regency Crown Center Hotel, if he would be kind enough to take a small package of African violet leaves to Moscow. The leaves made it through customs and arrived in good shape. Fortunately, Vla-



*Svetlana Prilutzkalya and daughter of the Ukraine, with African violets.*

dimir had included his telephone number (462-31-22) and after some difficulty, was able to retrieve the package. This took place during the August, 1991 coup. In October, I was very pleased to receive a letter from Vladimir and Marina which was written in very good English.

Vladimir and Marina are owners of a private family firm, Parade of Gardens, and have an African violet mail order business! They grow fruit trees, shrubs and window plants. Last summer they offered 15 varieties of African violets and growing supplies to their customers in Vorkuta, Magadan, Sverdlovsk, Perm, Ulianovsk, Komsomolsk, Altaisk, Irkutsk, Bratsk, Kazakhstan, Turkmenistan, Ukraine, Moldova, Azerbaijan, and Lithuania. This summer they are also able to offer eight American African violets (Baby Jay, Camp Fire Girl, Lipstick and Lace, Little Jayhawker, Lucy Locket, Mama's Powderpuff, Swell Elegant, and Watermelon Baby). They propagate the violets with tissue culture. Their soil is a mixture of 50% perlite, 45% peat, and 5% river sand. The fertilizer is 300 mg/liter nitrogen, 200 mg/liter phosphorus, and 400 mg/liter potassium.

Vladimir and Marina have an 8-year-old daughter, Kate, and a small red mixed breed dog, Mars. In my first letter I gave them some background on the names of my varieties and explained that 'Lucy Locket' was named for our small, red, founding dog. We have enjoyed the coincidence.

Corresponding with these far away growers is immensely

satisfying. Perhaps through the Fjodorov and Prilutzkalya families, Americans can write to other growers in the Slavic countries. I can think of no better way to promote world friendship than through the African violet.

*Some suggestions for corresponding with Svetlana and Vladimir and Marina:*

Find an interpreter — check with local synagogue for immigrants; check foreign language or Slavic departments at local colleges.

Make photocopies of the address labels (created with *WordPerfect*) and tape to par-

cels or letters.

Check with U. S. Post Office for current mailing/package restrictions, i.e., seeds, food-stuffs.

Obtain "content form" from U. S. Post Office; fill this out in Slavic language!

Check out the cost of shipping packages; weigh items carefully before sealing carton.

Be patient - parcels can take up to three months to be delivered; letters one to two months.

The first letters that I received were very formal; our laid-back lifestyles probably create a culture shock!

Enjoy!

FROM:

TO: RUSSIA - РОССИЯ  
105122 г. Москва  
Амурская ул. 10-1-18  
Федоров В. Н. & М.

**Label you can copy and use for Vladimir & Marina Fjodorov**

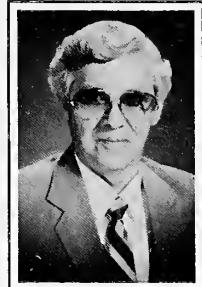
FROM:

TO: UKRAINE - Украина  
332000, Запорожская обл.  
г. Вольнянск  
ул. 40 лет октября д.6  
Придуцкой Светлане

**Label you can copy and use for Svetlana Prilutzkalya**

# SHOWS & JUDGES

BILL FOSTER  
3610 Gray Drive  
Mesquite, TX 75150



Hopefully, you and your violets enjoyed a pleasant summer and are looking forward to the fall shows with enthusiasm and excitement. In the last column I promised to share with you, events and discussions, from the convention in Columbus. Many of you will be elated to learn that the AVSA Collections will now be divided into two classes. One class will contain a collection of three registered, standard plants or three species. The standard plants must be three single crown standard plants of different varieties or three standard trailers of different varieties or three different species of any type. The second class must contain three registered, single crown miniatures, three miniature trailers, three single crown semiminiatures, or three semiminiature trailers. An affiliate will have the choice of having one or both classes, but can no longer combine a collection of standards and miniatures or semiminiatures in the same class. When rosettes are requested for both classes a \$5 application must be remitted for each class.

Beginning January 1, 1993, sponsors of AVSA Judging Schools must submit a \$25 registration fee at the time the school is registered. Also, beginning January 1, 1993, student judges must present three blue ribbons, two of which must

have been won on African violets (one may have been won in the "the other gesneriad" classes or Design) before taking the exam.

A motion made by the Shows & Judges Committee to eliminate the foil wrapping of pots at AVSA Convention shows passed with flying colors! This has been an option of Affiliated clubs for several years.

Here are some of the questions and answers from the judges breakfast:

Q. In our area it has been noted that some judges compare one plant to another when judging. Is this permissible?

A. Comparative Judging is not permissible in African violet shows. Each plant should be judged by the merit system and not compared to other plants in the class.

Q. Can we use the yellow violets in hybridizing?

A. Yes.

Q. Are the yellow violets patented?

A. No.

Q. Should not or must not, judges in their own affiliate shows, serve on classification, entries, or awards committees?

A. They should not if it is at all possible to avoid it. In some remote areas, there is a shortage of judges and exceptions must be made.

Q. Would it be possible for a

gesneriad show and an AVSA show be held jointly provided that both AVSA accredited and AGGS accredited judges were judging in the respective sections? They would be staged together.

A. Yes, if judging was kept separate. Keep in mind that if AVSA awards are requested, this must be the only show the affiliate is requesting AVSA awards for. An affiliate may request AVSA awards only once a year.

Q. When choosing Best in Show, may we choose plants from other than Best in Class?

A. If Best in Class are selected in the show, then Best in Show would come from plants awarded Best in Class or from the Collection classes. Best in Show is the highest scoring plant in the show, so it is obvious that it would have to come from Best in Class or Collection classes. Second Best in Show could come from anywhere.

Q. Since Natural Gardens have more than one planting area or pockets, couldn't one use succulents in one of the pockets?

A. The HANDBOOK states that plants must be compatible when grown in the same environment. Since succulents don't grow in the same environment as African violets, points would be deducted.

*under suitability of material.*  
Q. The HANDBOOK states that points should not be deducted for bubbles when judging underwater designs, but when bubbles obliterate the design, shouldn't points be deducted?

A. *If the water is not clear, or if the bubbles are so numerous that the design cannot be seen clearly, deduct points under condition.*

Q. Why isn't Best in Class given more weight in calculating Sweepstakes than just a blue ribbon? Are there plans to change the rule?

A. *Sweepstakes rules are given in the HANDBOOK and there are no plans to change them. Sometimes, after blue, red, and white ribbons are counted and a tie still exists, Best in Class is used as a tie breaker.*

Q. If a plant is listed or registered in the MVL as semidouble to double, where do you place it in the show?

A. *Good question! You could probably place it in either semidouble or double classes, as long as the MVL shows that description. If it has a larger number of semidouble blossoms, it would probably be better to place it in the semidouble classes. Many clubs are avoiding this problem by doing away with classes according to blossom type and writing their schedules showing only color classes. This is permissible and avoids a lot of problems.*

A number of changes have been made in the HANDBOOK. They are listed here. If you do not wish to make manual changes to your HANDBOOK, please order the update

packet from the AVSA office. The price will be listed in the African Violet Magazine and the packet will include all changes that have been made since May 1990. If you are one of the few holding a HANDBOOK that was revised in 1992, you may order a packet containing only the changes listed below:

**Page 4** - On the last sentence of item 1. Delete "the codes used in describing."

**Page 12** - Delete the last sentence in the third paragraph and add in its place: Specific information on sizes, types and colors are given on page 16.

**Page 14** - Delete from the second sentence in the first paragraph "with the AVSA Code for Registering African Violets given in parentheses." The sentence will now read: Some of the more important are the following:

Now, delete all the parentheses and the letters within them from each blossom type.

**Page 15** - Delete the last sentence in the first paragraph and add in its place: The more common foliage types are:

Now, delete the parentheses and the numbers within on all the foliage types.

**Page 15** - At the bottom of the page delete A. and add back ... A. Variegated foliage: Defines all variegation other than the two listed below.

**Page 15** - Delete B. at the bottom of the page and add back ... B. Crown variegation (leave C. as it is).

**Page 37** - Under SHOW CHAIRMAN: In the last sentence of the second paragraph, after

the word "fee" insert "for each set of Collection rosettes."

**Page 43** - Change item 5 to read: 5. Containers in the horticulture divisions (except for classes exhibiting trailers, unusual containers, and the other gesneriads) must present a uniform appearance, such as using containers of the same color. (Specific guidelines should be clearly stated in the schedule.)

**Page 43** - Add to the last sentence on item 10 "in each collection class."

**Page 44** - Delete Class 1 on the sample schedule and add: Class 1. AVSA Collection of three different registered, standard varieties of the same type (three single crown or three trailers) or three different species, regardless of type.

**Page 44** - Change Class 16 to read: 16. Two-tone and multi-color, pink, red and yellow.

Class 1A. AVSA Collection of three different, registered varieties of the same type (three single crown miniatures, three miniature trailers, three single crown semiminatures, or three semiminiature trailers).

**Page 46** - Delete Class 59 as it is now and add: Class 59. AVSA Collections (Standards and Species)

Class 59A. AVSA Collections (Miniatures and Semiminatures)

**Page 47** - Delete the paragraph on Best in Show, Second Best in Show, etc., and add: Best in Show, Second Best in Show, or Third Best in Show: The Best in Show is the highest scoring plant in the show

and should be chosen from the Best in Class winners or from the Collection classes. Second and Third Best should be selected from the remaining specimen plants and Collection classes in the Horticulture Division. Number of awards given depends on the size of the show. In a small show there would only be a Best in Show.

**Page 47** - Under "AVSA Collection Awards" on the lower part of the page - delete the present paragraph and add back ... AVSA Collection Awards are for a collection of three different, registered African Violet standard varieties of the same type (three single crown or three trailers) or three different species of any type. A gold rosette is offered for the best collection and a purple rosette is offered for the second-best collection. A gold and purple rosette are also offered for

the best and second-best AVSA Collections made up of three different, registered miniature African Violets (three single crown or three trailers) or three different, registered semiminiature African Violets (three single crown or three trailers).

**Page 48** - Under AVSA Convention Show Awards - amateur: Item 2 ... change the word "cup" to "award." In item 5 ... change the word "cup" to "award."

**Page 48** - Under AVSA Convention Show Awards - commercial specimen plant classes: in item 2 ... change the word "cup" to "award."

**Page 48** - Under AVSA Convention Show Awards - commercial display tables: Change item 1 to read ... A silver award for the AVSA Best Commercial Display Table. Change item 2 to read ... A silver award for the AVSA Second-Best Commercial Display

Table.  
Change item 3 to read ... A silver award for the AVSA Third-Best Commercial Display Table.

**Page 86** - Change item 3 under "Rights of a Judge" to read: 3. suggest changes to prevent an exhibit from being eliminated from consideration for an award;

**Page 87** - Under "Requirements" at top of page under "Student Judges" delete item 2 and replace it with 2. Shall present a current AVSA membership card and three blue ribbons to the teacher before taking the exam. One of the blue ribbons may be from design or from the "other gesneriad" classes.

**Page 90** - Under rules for AVSA Affiliate Sponsored Judging Schools - under 1. c. after the first sentence add: A \$25 registration fee must be included with application.

## FORMing an Orderly Meeting

JOYCE STENGER  
MS 902, POB 58170  
Houston, TX 77258

Violet meetings can be friendly and informal yet still be orderly!

Whoever chairs a meeting of any organization controls the atmosphere and effectiveness of that meeting. This is usually done by the president. However, during every term, we have each of the other officers in our club, chair at least one meeting. This has positive results. It helps the president, sitting in the audience, to get a feel of how

successful the club can be run with someone else. It gives the other officers a positive experience to chair a meeting. It provides members an opportunity to consider how successfully other officers can lead.

To promote confidence and leadership, we made up a "Call to Order Sheet" to use while chairing a meeting. A sample of that form is shown at the end of this article. We adjust the form

annually by adding new committees or chairs. (Yes, chairs!)

Here's how to use the form effectively.

To set the mood, we urge RAPPING the gavel for a CALL TO ORDER! More is accomplished effectively, if everyone can hear what is being discussed.

**Check off No. 1 on the Call to Order sheet.**

Our recording secretary routes

a clipboard with a pen for members to sign to record attendance. This saves us time. Meanwhile the presiding officer asks the recording secretary to read minutes of the last meeting.

#### **Check off No. 2.**

If there are no additions or corrections, the minutes stand as read. If there are additions or corrections, clarify changes, then have the secretary record the changes in this month's minutes. Accept last month's minutes, as amended.

As the membership for club correspondence.

#### **Check off No. 3.**



**AMELIA WALSH** with her best in show, *Kiwi Dazzle*, at the recent Anchorage (AK), "A Century of Violets" show. Amelia also won best collection with *Snuggles*, *Little Pro* and *Precious Pink*; second best in show, *Precious Pink*; best miniature, *Spotted Pony*; best semiminiature, *Mini Papa*; best trailer, *Lil Creeper*; best species, *s. orbicularis purpurea*; best new cultivar, best unusual container, best gesneriad, *Streptocarpus Black Magic*, second best gesneriad, *Episcia Plum Country*, best in design and sweepstakes. Amelia had 109 entries, all blue ribbons and 44 best in class.

Discuss correspondence, take action, then have the corresponding secretary file it. We have two club secretaries to assure one is always present to fill in for the other one.

Our treasurer reads the finance report aloud.

#### **Check off No. 4.**

Ask if there are additions or corrections. If there are none, then file the report for (annual) audit. If there are additions or corrections, clarify changes, then have the secretary record the changes in this month's minutes. Accept the treasurer's report, as amended.

Our recording secretary has received back the attendance sheet by now so the presiding officer can welcome guests by name.

#### **Check off No. 5.**

Welcoming guests can be inadvertently omitted if not specifically controlled.

It is nice to call on the Standing Committee Chair by name and title.

#### **Check off each chair as they speak.**

Prior to each meeting, the presiding officer should jot down topics in each category for discussion.

**AVSA** - Discuss recent AVSA decisions, activities, and the AVM.

**Cash Table** - Discuss what is



**AMAZING DISCOVERIES** was theme for a recent First Austin (TX) AVS show. Winners included Aloha Rhodes with second best in show, *Apache Warbonnet*, best unusual container, *Moon Glow Trail*, best mini, *Petite Jewel*, and best semimini, *Dancing Teen*; and Dolores Gibbs, show chair, with best in show, best double and 2nd best foliage, *Other Delights*, best AVSA collection, *Ness' Angel Eyes*, *Ness' Sno Fun*, and *Wee Hummer*, best trailer, *Beacon Trail*, best gesneriad, *sinningia pusilla*, and best of show design.

for sale and who donated what items.

**Community Projects** - Discuss community events to promote violets.

**Historian** - Discuss photos needed and progress of history book.

**Hostess** - Acknowledge who brought goodies and who is next.

**Librarian** - Discuss what is new and how to sign out books.

**Membership** - Discuss who is eligible to join; make a motion.

**Parliamentarian** - Discuss procedures being conducted

incorrectly.

**Program** - Discuss today's program, speaker, and next program.

**Publicity** - Discuss what is new and what its effective publicity.

**Regional** - Discuss affiliate events and club's responsibilities.

**Rescue Squad** - Discuss horticulture problems and home visits.

**Trip Coordinator** - Discuss recent trips; sign-up for next trip.

**Ways and Means** - Discuss finances, and fundraising plans.

**Yearbook** - Discuss and update

information in annual yearbook.

**Show** - Discuss details of the show and status of show committees.

The Show chair is allowed additional time as the show date approaches. Each Show Committee is asked by the Show chair to give an up-to-date report. (At the last meeting before a show, the Standing Committee is not called upon to report, only the Show Committees are called.) The presiding officer can ask a general question, such as: "Is there anything from the Standing Committees that can not wait until after the show?"

**Check off No. 6.**

Old business constitutes anything previously discussed but not resolved. Items from last month's copy of this sheet are a good source of old business. Ask the membership for old business.

**Check off No. 7.**

New business covers issues not previously brought before the membership or settled issues that have changed, thereby needing additional action. Ask the membership for new business.

**Check off No. 8.**

Announcements should be about upcoming events, interesting personal happenings, status of absent members, and special acknowledgments or thank-yous. Ask the membership for announcements.

**Check off No. 9.**

Other business comes from items that surfaced during the meeting or items completely overlooked. Give the membership one last chance to speak



**BEST IN DESIGN; Interpretive plant arrangement, "1969 - Man's First Walk on the Moon," Fran Russom, exhibitor. The Metropolitan St. Louis AVC's 38th annual show, "One Hundred Years of Violets."**

up. Ask if there is any other business.

**Check off No. 10.**

Declare the meeting concluded. Allow the membership to have refreshments while action items are completed.

**File this form for later reference.**

Perhaps your club has a completely different manner of conducting an effective business meeting. If so, send me a note about it. You may unveil

interesting procedures that we have been omitting. Our club could adopt it and I will continue sharing information with AVSA readers so all affiliates can benefit from it.

**CALL TO ORDER SHEET**

*Rap the gavel for call to order!*

- \_\_\_ 1. The \_\_\_\_ monthly meeting of the \_\_\_\_ AVS will now come to order.  
*Start sign-up sheet to record attendance or take attendance orally.*
- \_\_\_ 2. Our Recording Secretary... will read the minutes of the last meeting.  
Are there additions or corrections?  
Minutes stand as read (or as amended).
- \_\_\_ 3. Is there any correspondence?
- \_\_\_ 4. Our Treasurer... will please give us a report on finances.  
Are there additions or corrections?  
Treasurer is filed for audit as read (or as amended).  
*By now sign-up sheet should have returned listing guests.*
- \_\_\_ 5. We all welcome to our meeting these guests \_\_\_\_\_.
- \_\_\_ 6. Standing Committee Chairmen, please stand and report:

- \_\_\_\_ AVSA Representative
- \_\_\_\_ Cash Table Chairman
- \_\_\_\_ Community Projects Chairman
- \_\_\_\_ Historian /Photographer
- \_\_\_\_ Hostess Chairman
- \_\_\_\_ Librarian
- \_\_\_\_ Membership Chairman
- \_\_\_\_ Parliamentarian
- \_\_\_\_ Program Chairman
- \_\_\_\_ Publicity Chairman
- \_\_\_\_ Regional Chairman
- \_\_\_\_ Rescue Squad
- \_\_\_\_ Trip Coordinator
- \_\_\_\_ Ways and Means Chairman
- \_\_\_\_ Yearbook Chairman

*Show Chairman  
Thank each Standing Committee Chairman.*

- \_\_\_ 7. Is there any old business to discuss?
- \_\_\_ 8. Is there any new business to discuss?
- \_\_\_ 9. Is there any announcements?
- \_\_\_ 10. Is there any further business before this organization?  
If not, I need a motion to adjourn.

*Rap that gavel for adjournment!*

*Meeting adjourned for refreshments, then the program.*

## ATTENTION: New AVM Advertising Manager

Diane Richardson  
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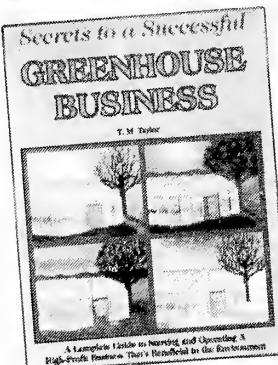


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— Buzzword Magazine

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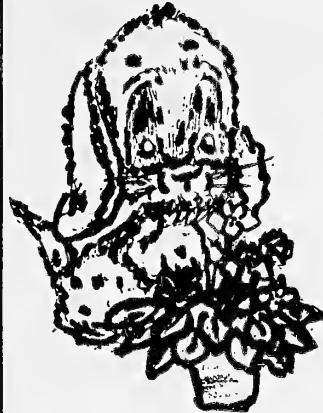
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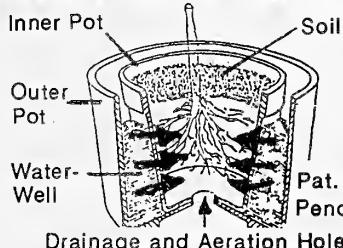
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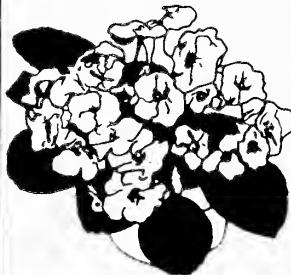
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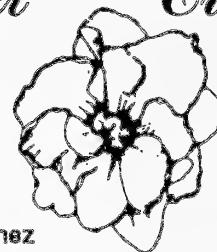
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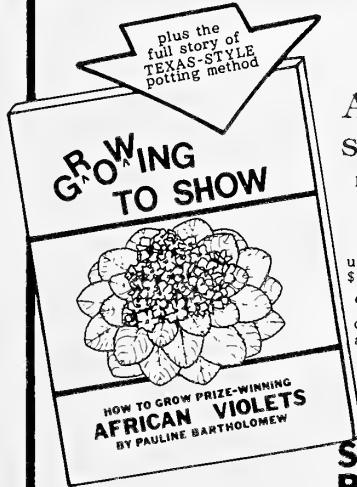
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LYONS GREENHOUSES: ANASTASIA, BLUEBERRY RUFFLES, BLUE MONDAY, HOT PANTS, CARIBBEAN ICE, BRIGHT DANCER, CINNAMON CANDY, DRESS IN BLUE, EARLY SUNRISE, ELECTRIC DREAMS, FULL MOON, GRAPE PUNCH, GRAPE SPRINKLES, HEIRLOOM LACE, IRISH HALO, IRISH FROST, IRISH PARADISE, MIDNIGHT VALENTINE, PINK CRYSTAL, ROSE MIST, RUM PUNCH, SATIN WINE, SCANDAL, SUN SIZZLE, SUPER DOOPER, WINTERS HAVEN, and WISHFUL THINKING.

ALSO THE FOLLOWING MINIS AND TRAILERS: PINK LOCKET, BLUE SMOKE, SUGAR CRYSTALS, PIXIE SHOWOFF, SNUGGLES BLUE ANGEL, ROSY DIMPLES, CHAMPAGNE PINK (TRL), MIDNIGHT WALTZ (TRL) and SUNRISE WALTZ (TRL).

See my ad in the May/June 1992 AVM, page 70 for a partial list of available varieties. Send SASE for a complete descriptive list.  
Shipping and handling: UPS ground, \$4.50 up to 20 plants; add 10 cents per plant over 20. US postal priority mail, \$5.50 up to 10 plants; add 20 cents per plant over 10. UPS 2nd day air, \$7.50 up to 10 plants; 20 cents per plant over 10. Leaves \$5.00.

## FALL SPECIAL

12 PLANTS \$30 postpaid.  
25 or more plants - \$1.50 each plus shipping  
"SHIRLEY'S CHOICE"



### FALL 1992

PITTMAN - PETITE TOT, PEPPERMINT GIRL, SASSY SHIRLEY, VAGABOND

MUNK - APACHE LIBERTY, APACHE SILVER, RODEO BIGTIME, standards

HOBBS - DEAN'S LEGACY, DEAN'S PEACH BLUSH, DEAN'S BABY DOLL

WILSON - RUTHIE G, SPECIAL ATTRACTION, GAY LADY, standards

NESS - MISTY BLUE, ANGEL WINGS, SWEET PEA, RED EXPRESS. sm

WE HAVE MANY TRAILERS INCLUDING SNOWMAN TR., CHEROKEE TR., MISSION BELLS, MILKY WAY TR., BEACON TR., LAMBS EARS, DARLING BLUE, BRAZOS BELLE, TITANIA, FALLING SNOW, CHATTER TR., SKY DIVER.

Our complete list is available for \$1.00 stamps or cash. Anyone ordering our list after Nov. 1 will be sent our 1993 list in Jan.

24 new leaves of our choice - \$18.00. New and previous releases - our choice - 24 for \$14.00 or 50 for \$25.00 plus shipping. Priority shipping on leaves - \$3.50. Plants - \$5.00. Any cost on shipping over the amount quoted in this ad will be charged to the customer. Texans add 8-1/4% tax. Supplies available on our list.

Shirley & Sandy Sanders, 1034 Rayburn Dr., San Antonio, TX 78221 ph. 512-923-1093

### PLASTIC FLOWER POTS

Inch	Color	Type	Number of Pots				
			10	20	50	100	500
2-1/4	Wh or Gr	RS or SQ	1.20	2.10	4.50	8.00	31.00
2-1/2	Wh or Gr	RS or SQ	1.40	2.35	5.00	9.00	37.00
3	Wh or Gr	RS/RT/SQ	1.70	3.15	7.00	13.00	55.00
3-1/2	Wh or Gr	RT or SQ	1.95	3.60	8.25	15.00	65.00
4	Wh or Gr	RS/RT/SQ	2.40	4.25	9.50	17.25	76.00
4-1/2	Wh or Gr	RS/RT/SQ	2.60	4.75	10.50	19.00	86.00
5	Wh or Gr	RS or RT	3.10	5.70	13.00	23.00	105.00
6	Wh or Gr	RS or RT	3.85	6.75	15.50	29.00	130.00
6-1/2	Wh or Gr	RT	4.35	7.75	17.75	33.00	
7	Wh or Gr	RS	7.10	13.50	31.25		
8	Wh or Gr	RS or RT	8.00	15.50	36.00	*SEE NOTE	

\*For more than 50 of 6-1/2", 7" & 8" pots send for special quote.

"Type" note: RS (round standard) = height & top width are equal  
RT (round tub) = height is 3/4 top width  
SQ (square) = volume same as RS

### PLASTIC PAN POTS

Very shallow — depth is half the width of the top.

Top Diam.	Color	10	20	50	100	250
5"	Wh or Gr	3.20	6.00	14.00	25.50	58.00
6"	Wh or Gr	4.00	7.75	18.00	33.50	78.00
6-1/2"	Wh or Gr	4.25	8.25	19.25	36.25	88.00
8"	Wh or Gr	6.40	12.00	28.00	54.00	129.00
10"	Wh or Gr	9.90	18.75	45.00	85.50	208.00

### PLANT CARE ITEMS

Soilless mixes and Ingredients: 8 gal. maximum for one shipping charge.

VIOLET HOUSE SOILLESS MIX - mix of peat, 2 Gal. \$3.25

perlite, vermiculite, dolomite lime & trace of Peters

FINE SEEDLING MIX - Similar to VH mix, 2 Gal. 3.25

no Peters & finer vermiculite

PERLITE - Aerates Mix 1 Gal. 1.75

VERMICULITE - Helps maintain moisture 1 Gal. 1.75

CANADIAN PEAT - Milled 2 Gal. 2.75

DOLOMITE LIME - Raises alkalinity of too acid soil 1 lb. 1.30

### CAPILLARY MATTING - "Vattex"

Water, using capillary action. Vattex is a gray matting with a thin black, perforated plastic sheet on top. Thus algae growth is minimized. It is washable, tough, but can be cut easily with shears. It is 4 feet wide. (eg.: 1' x 4' = 4 sq. ft.)

\$.40 per sq. ft.

### Wick-water with: PLASTIC WATER RESERVOIRS

Height	20	50	100	500
8 oz.	1-3/4"	\$7.75	18.00	32.00
16 oz.	3"	7.75	18.00	32.00
32 oz.	3"	12.00	26.75	49.50

We do not supply wicks.

5" pans can fit in top of 8 or 16 oz.

Reservoirs without lids are 1/2 priced.



Send Orders To:

THE VIOLET HOUSE

P. O. Box 1274

Gainesville, Florida 32602

Phone (904) 377-8465

### TINY TUBS

YOU HAVE BEEN ASKING  
NOW WE HAVE SOME

1-3/4" TALL X 2-1/8" WIDE  
White and Terra Cotta.

20	.....	\$1.75
50	.....	\$4.00
100	.....	\$6.75
500	.....	\$29.00

the  
**VIOLET  
HOUSE**

P. O. Box 1274  
Gainesville, FL 32602  
(904) 377-8465

1992

### SEEDS

We continue to offer Nadeau's African Violet Seeds  
(1) Standard; (2) Miniature; (3) Variegated; (4) Trailer  
PACKETS

(100 seeds and instructions) ..... \$5.00

### KITS

(100 seeds, instructions, Jiffy-7 pellets,  
& starter container) ..... \$5.50

Jeannie Moe's Sinningia Seeds are still available in five different

selections: (A) Purple; (B) Maroon; (C) Pink; (D) Mini Mix;  
& (E) Micro-mini Mix

### PACKET

(100 seeds and instruction sheet) ..... \$4.00

### KIT

(100 seeds, instructions, starter container  
& Jiffy-7 pellet) ..... \$4.50

See our catalog for descriptions

### JIFFY-7 PELLETS - 12¢ EACH

STARTER GREENHOUSE ..... \$5.00 COMPLETE

For starting leaves or seedlings, 22" long x 11" wide  
includes tray, 72 cavity insert & clear dome

### LABELS

3" white, plastic ..... 100 for \$1.25

4" white, plastic ..... 100 for \$1.75

### LEAF SUPPORTS - J. F. INDUSTRIES

SIZE	3	10	25
6" fits up to 3" pot	\$2.75	8.00	18.00
9" fits up to 5" pot	3.25	9.50	21.00
12" fits up to 5" pot	4.00	11.00	23.75
15" fits up to 8" pot	6.25	17.75	37.50
18" fits up to 8" pot	7.00	20.00	41.00

### GRANNY'S BLOOMER -- JUNGLE JUICE

2 ounce bottle ..... \$1.60

6 ounce bottle ..... 3.00

### SEND FOR OUR FREE CATALOG

Many other items are listed: MOISTRITES,

OYAMA PLANTERS, Insecticides, Fertilizers,

Masks and Pens, Meters, Trays, Soil Supplements.

Minimum order is \$7.50 plus shipping & handling

FLORIDA customers MUST ADD 6% Sales Tax

Shipping and Handling Charges:

UNITED PARCEL to EASTERN, MIDWEST, AND

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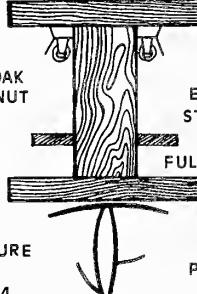
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U.S. MAIL: Air or Surface ..... ACTUAL COST

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HANDMADE  
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ASH MAPLE OAK  
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ADJUSTABLE  
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New Hyde Park, New York 11040



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Fremont, NE 68025

(402) 721-1478

### New for fall 1992

#### *Our own releases:*

Powwow - finally available for shipping, named 2nd Best New Cultivar at the 1991 convention in Santa Clara, and pictured on the cover of the November-December 1991 African Violet Magazine; vivid deep red single to semidouble blossoms amassed over symmetrical tailored cream and medium green variegated foliage; a strong and vigorous hybrid with excellent show potential. (plants - \$4.50; leaves - \$2.00)

Ghost Dance - bouquets of large double white blossoms with frilled edges are held up on strong stems over flat-growing, symmetrical, lightly quilted, light-to-medium green foliage; long-lasting blossoms may occasionally be touched with green; excellent show plant; one of our most popular plants at the 1992 convention in Columbus. (plants - \$4.50; leaves - \$2.00)

Equinox - light purple semidouble stars trimmed with broad white frilled edges; the large and showy blossoms are produced freely over medium green foliage. (plants only - \$4.25)

#### *Hybrids from GORDON BOONE:*

Photo Finish - an outstanding floriferous show variety; a sport from the tremendously popular Phantom Flash; bicolor blossoms of bright white marked with light purple on the frilled petal edges; marvelous, strong tailored symmetrical light-to-medium green foliage; won Best in Show its first time out, and is bound to win many more! (plants - \$4.50; leaves - \$2.00)

Blackberry Halo - deep dark purple frilled semidouble to double blossoms atop gorgeous deep green and pink variegated foliage; a beautiful plant that has garnered much attention in our store for its lovely foliage, and was in much demand at our sales table in Columbus. (plants - \$4.25; leaves - \$2.00)

Mindi's Tears - another entry in Gordon's Mindi series of large-growing variegated show varieties; semidouble to double light-to-medium blue blossoms over large dark green foliage variegated with cream and pink; also very popular in Columbus. (plants - \$4.25; leaves - \$2.00)

Ruffled Skies - large and beautiful full double blossoms of medium blue with frilled white edges are held up in masses on strong stems over symmetrical dark green quilted foliage; makes an impressive show plant. (plants - \$4.50; leaves - \$2.00)

#### *And the 2nd Best New Cultivar at the 1992 AVSA convention in Columbus:*

Ode to Beauty - a magnificent achievement in hybridizing by the late Bill Johnson; striking large coral pink stars each petal evenly banded with raspberry glitter and trimmed with fine white edges; a sturdy symmetrical grower with wonderful deep green foliage; the unusual blossoms are shown off beautifully as they are held high on strong stems; truly a joy to grow! (plants - \$4.25; leaves - \$2.00)

# Violet Express



"Superior violets  
expressly for you!"

## ! EXTRA ! SPECIAL FALL SALE ! EXTRA !

**HELP!** Open your hearts and homes. Adopt these lovely violets to thrive under your expert, loving care!

◆ Please save them from going to the Great Violet Heaven! ◆

These starters need to find loving homes as our shelves must be emptied to make room for next year's babies. The plants are of good size, WELL ESTABLISHED in 2½" wicked pots. All are show-quality varieties, both old and new, created by the leading American and Canadian hybridizers.

◆ ◆ ◆

### ★ OUR CHOICE, ESTABLISHED STARTER PLANTS, \$2.75 EACH, PLUS SHIPPING ★

You may specify your preference in plant sizes (Standards, minis, semi-minis, and/or trailers), bloom color, style, and foliage. We will do our best to follow your directions, subject to availability. All varieties will be marked and not duplicated in your order.

If you have ordered from *The Violet Express* this year, your earlier order(s) will be checked to avoid duplication of previously ordered varieties.

### ★ YOUR CHOICE, ESTABLISHED STARTER PLANTS, \$3.00 EACH, PLUS SHIPPING ★

If ordering "your choice" list plenty of acceptable substitutes in the event that we are sold out of your requested varieties. We will not sub unless absolutely necessary. If you have a question regarding the availability of varieties, please give us a quick call or drop us a note.

**NOTE:** These special sale prices do not include the 3 yellow varieties by Nolan Blansit, the 1992 releases by the late Bill Johnson, or chimeras.

### ★ CHIMERAS PRICED AT \$15.00-\$20.00 IN THE CATALOG, NOW FOR \$12.00 ★

Chimeras listed at or below \$12.00 in the catalog are at the regular price.

◆ SELECTION OF AVAILABLE CHIMERAS IS LIMITED ◆

Minimum order, \$15.00 *plus shipping*.

( \$5.50 for surface UPS. / \$9.50 for UPS 2nd day air or Priority Mail )

Add to shipping charges: 50 cents for each plant over the 1st 4 plants ordered.

UPS 2nd day air or Priority Mail is strongly recommended for delivery in all areas beyond a 2 day delivery area of Eagle River. Should you not choose 2nd day air or Priority Mail for shipments beyond these areas, we will not be responsible for the arrival condition of plants and/or leaves.

◆ ◆ ◆

### ◆ ◆ ORDERS FOR FALL SHIPPING MUST BE RECEIVED BY OCTOBER 1ST. ◆ ◆

Shipping through October, weather permitting.

◆ Your orders are expertly wrapped and packed with TLC. ◆

OVER 500 VARIETIES IN MY 1992 CATALOG - \$2.00

ALL ARE FULLY DESCRIBED, INDEXED, WITH REGISTRATION NUMBERS LISTED

◆ ◆ ◆

◆ Sorry, but our supply of TouchStone AV Soil Mix is completely sold out. ◆

Watch for our ad in the December AVM for our new soil mix. We have been testing it for some time and have found it to be equal or superior to TouchStone in performance for leaves, starters, and mature plants.

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POTS .. POTS .. POTS ... (ALL SIZES), MICRO-MINI POTS, MINI WELLS, RESERVOIRS (ALL COLORS), MICRO-MINI AFRICAN VIOLET KIT (WICK-WATER 72 MINIATURES IN 11" X 22" SPACE. POTS NEVER TIP WHEN CARRIED), HANGING POTS, MARKERS, SOILS, FLATS & INSERTS, & COMPLETE SELECTION OF PLANT BOOKS ALONG WITH MUCH, MUCH MORE!  
FULL LINE OF PLANT STANDS, LIGHT FIXTURES & ACCESSORIES.  
50' AQUAMATIC HOSE - \$15.99 plus \$3.50 S&H  
CATALOG - \$2.00 - Refundable with purchase.



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- 400 interesting species & hybrid **Gesneriads**: miniature Sinnningia, Columnea, Kohleria, Aeschynanthus, Nematanthus, Chirita, Episcia, Streptocarpus & many more!
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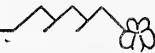
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AFRICAN VIOLET SPECIALISTS



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Wide Spectrum Gro-Lux - 18", 24" or 48" - Case of 12 - \$50.95 / 24- \$94.95 Postpaid  
Standard Gro-Lux - 18", 24" or 48" - Case of 12 - \$94.95 Postpaid

### OPTIMARA PRODUCTS

Potting Soil - Ultra light - 8 qt. bag  
East of Rockies - \$2.19 / Case of 12 - \$25.99 ppd.  
West of Rockies - \$2.45  
Violet Food (14-12-14) - 8 oz. - \$2.50  
Pre-measured - \$1.50 ea/4 for \$5.00  
Mini-Well (clear) - \$1.00 each  
Midi-Well (clear) - \$1.50 each  
Maxi-Well (beige or black) - \$1.90 each

### PLASTIC POTS

	Each	50 or more
1-1/4" rd green	10¢	8¢
1-1/4" rd terracotta	22¢	18¢
1-1/4" rd terracotta w/saucer	25¢	20¢
2-1/8" rd terracotta	6¢	5¢
2-1/4" rd gr or wh	7¢	6¢
2-1/2" rd gr or wh, sq. - gr.	8¢	7¢
3" rd tub - gr or wh rolled lip	10¢	8¢
3-1/2" rd tub - gr or wh rolled lip	12¢	10¢
4" rd tub - gr or wh rolled lip	14¢	12¢
4" rd hanging - gr or wh w/saucer & hanger	55¢	50¢
5" rd pan - gr or wh	19¢	16¢
6" rd pan - gr	35¢	30¢
Wick Watering Reservoirs (16 oz.)	30¢	26¢
Plastic High Dome Terrariums - 9" dia. - \$5 / 11" dia. - \$6		

### MINIATURE RESERVOIRS

Square Plastic container - \$1.00 ea / 50 or more - 70¢ ea.  
Colors: clear, red, lavender, watermelon, dark green, light green, dark blue, light blue

### KNOXOUT

16 oz. aerosol - \$6.95 — 1 qt. concentrate - \$21.95

### ORTHENE

18 oz. aerosol - \$11.50

### SUPERTHRIVE

1/2 oz. - \$1.59 / 1 oz. - \$2.89 / 2 oz. - \$3.59 / 4 oz. - \$6.39

**PHYSAN** - 16 oz. - \$5.95 / 32 oz. - \$9.95

**ALLEGRO** - for starting leaves - 4 oz. - \$2.50

**ORGANIC FISH STICKS** (8-4-2) - Pkg. 50 - \$2.00

**DIATOMACEOUS EARTH** - 1 lb. - \$2.25

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Washable capillary matting - 4' wide white - 75¢ per foot

**How to Select & Grow AV & other gesneriads**

144 page book by Theodore James - \$9.95

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11 x 22 lightweight plastic tray

Clear dome to retain moisture - \$4.50

### GROOMING TWEEZERS

6-1/2" w/curved points, nickel plated steel - \$3.99

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# HousePlant

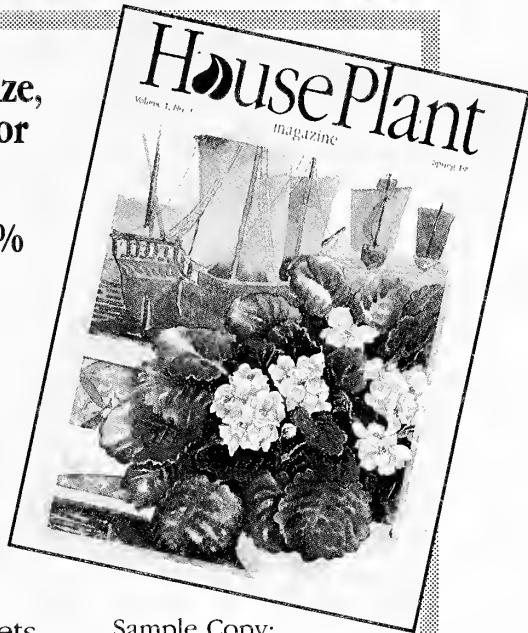
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magazine

Winter '92

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## Tinari's Centennial Series to Celebrate the Discovery of the African Violet

1892

1992



### ATTENTION ...FREE OFFER!

To commemorate this year of discovery, any individual ordering from this ad who sends in one new AVSA membership to the Beaumont office with check to cover (please send us a copy of same), will receive a free bonus plant of our new award-winning cultivar CENTENNIAL CELEBRATION, or any other Centennial cultivar.

This offer good until the 1992 shipping season comes to a close - November 1, 1992.

*Ideal Shipping Weather ... Order now while stock is plentiful!*

**CENTENNIAL CELEBRATION** .. Semidouble satiny ruffled edge open blossom of fuchsia mauve color, very floriferous, slightly quilted foliage, red reverse ... \$2.95

**CENTENNIAL FLARE** .. Full double burgundy blossom, serrated edge interesting heart-shaped leaf red reverse ... \$2.95

**CENTENNIAL PURPLE** .. Large semidouble deep purple blossom ruffled edge, heart-shaped medium green leaf with red reverse ... \$2.95

**CENTENNIAL SALUTE** .. Large single open white blossom with center tuft and top blossoms of soft lavender with tinted ruffled blossom edges ... \$2.95

**CENTENNIAL SPARKLER** .. Single sparkling iridescent pink blossom, deeper pink center, floriferous, dark forest green foliage with deep red reverse.

**CENTENNIAL THUNDER** .. Large white single blossom with tinted lavender ring in center and on the ruffled edges, beautiful heart-shape medium green leaf, satiny white reverse ... \$2.95

**CONCERTO SERIES SELECTION AT \$2.49 each** ... ALLEGRETTO, ANDANTE, CRESCENDO, FORTE, FORTISSIMO, LARGO, PASSIONATO, POMPOSO, VIBRATO

**FASCINATING UNUSUAL TYPE** ... \$3.95 each ... KERMIT

**CHOICE SELECTION AT \$2.95 each** ... HALLMARK, PETTICOAT, RADIANT, TOMAHAWK, DIZZY LIZZY (min), PARTY LACE (min)

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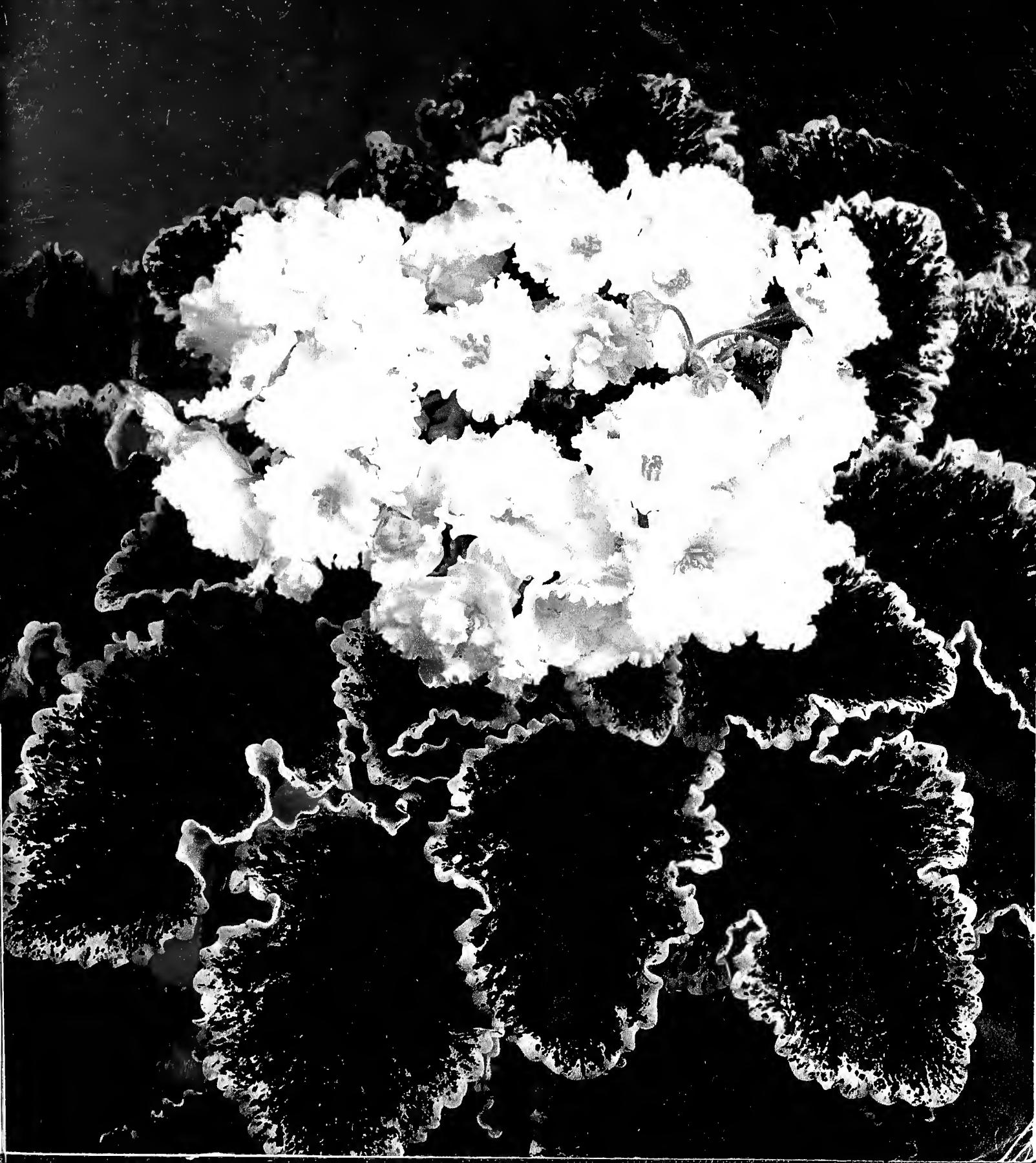
# African Violet

*The magazine exclusively dedicated to the growing of beautiful African violets.*

November • December 1992

Volume 45

Number 6



# Strictly Business — Your Business

INFORMATION FOR CONDUCTING BUSINESS WITH YOUR SOCIETY TO ENSURE GOOD SERVICE. IF YOU HAVE MORE THAN ONE ITEM, SEND EACH ITEM TO THE CORRECT PERSON. ALWAYS GIVE YOUR NAME AND ADDRESS.

## MEMBERSHIP

Send check payable to AVSA for new or renewable membership to AVSA Office, P. O. Box 3609, Beaumont, TX 77704 - phone 409-839-4725. Individual - \$15, USA only; Individual, all other countries - \$17; Commercial USA - \$25; Commercial International - \$27; Life - \$200. Remit in U.S. Dollars with draft or check on a New York, USA Bank. See Membership Application on page 1.

**AFFILIATES:** Chapter - \$15; Council, State or Region - \$30.

**MEMBERSHIP AND PROMOTION:** Send ideas, offers to help, requests for assistance to Anne Tinari, 2325 Valley Rd., Box 190, Huntingdon Valley, PA 19006.

**AFFILIATES:** For information on shows, awards, how to organize a chapter or membership questions, write Bob Green, 997 Botany Lane, Rockledge, FL 32955.

**AVSA OFFICE:** Nancy Lawrence, Office Manager, P. O. Box 3609, Beaumont, TX 77704, 409-839-4725; FAX 409-839-4329. Hours: Monday - Friday, 9:00 a.m. - 5:30 p.m. CST.

**BEST VARIETIES:** HONOR ROLL COMPILER: Floyd Lawson, 1100 W. Huntington Drive, Arcadia, CA 91007.

**BINDERS FOR BACK ISSUES PRIOR TO JULY 1992:** \$14.50 each or 2 for \$28.00.

**SLIP CASE BOXES FOR BACK ISSUES PRIOR TO JULY 1992:** \$12.50 each or 2 for \$24.00.

**BOOSTER FUND:** Send contributions to Ruth Warren, P. O. Box 3664, Fall River, MA 02722.

**BOYCE EDENS RESEARCH FUND:** Send contributions to Marlene Buck, P. O. Box 38, Oreland, PA 19075.

**BUILDING FUND:** Send contributions to Anne Jantzen, 2725 Katrina Way, Mountain View, CA 94040.

**COMMERCIAL ACTIVITIES:** David Buttram, P. O. Box 193, Independence, MO 64051.

**COMMERCIAL SALES & EXHIBITS:** For information on convention entries or sales room, contact J. R. Pittman, 12406 Alexandria, San Antonio, TX 78233.

**CONVENTION AWARDS:** Jan. issue. Send suggestions or contributions for convention awards to Esther Edwards Wells, 948 Fair Oaks Court, Liberty, MO 64068 by Sept. 1.

**CONVENTION PROGRAM:** Send special requests for workshop programs; interesting speakers to DoDe Whitaker, Convention Director, 2085 Leeward Lane, Merritt Island, FL 32953. If interested in sponsoring a national convention in your area, contact Convention Director.

**FUTURE CONVENTION DATES:** Lancaster, Pennsylvania - April 19 - 24, 1993; Denver, Colorado - May 23 - 28, 1994; St. Louis, Missouri - May 22-27, 1995; Atlanta, Georgia - May 20-25, 1996

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REVISED PAGES for Updated 1986 and 1990 Handbook - \$4

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**NOTE:** If your 1986 (yellow) handbook does **not** have the 1990 updated pages, you need the 1992 handbook AND the 1992 (\$1.50) updated pages.

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**JUDGES DUPLICATE CARD:** Send self-addressed stamped envelope to Bill Foster, 3610 Gray Dr., Mesquite, TX 75150.

**JUDGING SCHOOL:** To register a judging school, send request to Elinor Skelton, 3910 Larchwood Rd., Falls Church, VA 22041.

The African Violet Magazine (ISSN 0002-0265) is published six (6) times a year: January, March, May, July, September, November.

Second class postage is paid by The African Violet Society of America, Inc., a nonprofit organization, at 2375 North Street, Beaumont, TX 77702 and at additional mailing offices. Subscription \$15.00 per year which is included in membership dues.

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**POSTMASTER:** Please send change of address form 3579 to African Violet Magazine, P. O. Box 3609, Beaumont, TX 77704.

**LIBRARY:** Order AVSA slide programs and packets from AVSA Office, P. O. Box 3609, Beaumont, TX 77704. List in July issue. If you have ideas for a library program or slides to donate, write Ralph Breden, 127 Via Los Altos, Redondo Beach, CA 90277.

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**AVM EDITOR:** Jane Birge, P. O. Box 1401, Beaumont, Texas 77704; FAX 409-839-4329.

**ARTICLES by Members & Columnists:** Send to Editor. **COMING EVENT NOTICES:** Send to Editor.

**\*Please Note: Deadlines - Articles, Columnists & Coming Events:** Jan. issue - Oct. 1; Mar. issue - Dec. 1; May issue - Feb. 1; July issue - Apr. 1; Sept. issue - June 1; Nov. issue - Aug. 1.

**ADVERTISING MANAGER:** Advertising rates & copy info: Diane Richardson, 9207 Ravenwood Rd., Baltimore, MD 21237; ph. 410-686-4667.

**ADVERTISING Deadlines:** Jan. issue - Nov. 1; Mar. issue - Jan. 1; May issue - Mar. 1; July issue - May 1; Sept. issue - July 1; Nov. issue - Sept. 1. ONLY currently paid Commercial Members may advertise.

**SHOW TALK (Winners):** Send to Darryl Hoover, 912 S. Highland Ave., Fullerton, CA 92632

**BACK ISSUES:** Complete your set now. Request price list of available issues from Beaumont office.

**CHANGE OF ADDRESS:** Send new address at least 30 days before it is to take effect, along with old address, to AVSA office.

**FAILURE TO RECEIVE:** Notify AVSA office in Beaumont.

**QUESTION BOX:** Jim Smith & Ralph Robinson, 489 Linwood Ave., Buffalo, NY 14209.

**MASTER VARIETY LIST:** Number 5 is out of stock.

**MVL Number 6 - \$12.95** postpaid. Describes all varieties registered to Dec. 31, 1992 — all recognized species and non-registered cultivars introduced from July 1983 to Dec. 1992. MVL is looseleaf and fits in MVL Binder available from AVSA office or in an 8-1/2 x 11 regular binder.

**MVL BINDER:** 3-ring, two pockets, deep burgundy - \$6.95

**MVL SUPPLEMENTS:** will be published in the AVM. Send any correction and/or description of new cultivars with hybridizer's name to Lynn Lombard, Master Variety List Chairman, 1407 Calle Espana, San Dimas, CA 91773.

**MVL COMPUTER DISKETTES:** 1992 MVL - \$25.00. Updates (when available) - \$25.00. For computer compatibility requirements, please write Beaumont office.

**MEMBERSHIP CARDS:** Sent to Associate Members and New Members, only. Members renewing, receive card on white protective cover of AVM.

**OFFICIAL CORRESPONDENCE:** AVSA Secretary, Janet T. Riemer, 256 Pennington-Harbourton Rd., Pennington, NJ 08534.

**PLANT REGISTRATION:** Iris Keating, 149 Loretto Court, Claremont, CA 91711.

**RESEARCH:** Send suggested projects for scientific research, or names of interested, qualified potential research personnel to Frank Tinari, 2325 Valley Road, Huntingdon Valley, PA 19006.

**SHOW ENTRY TAGS:** 100 - \$6.00 ppd. Order from AVSA Office.

# African Violet MAGAZINE

Vol. 45 No. 6

November • December 1992

Every attempt is made to keep articles technically correct. Since the growing of fine African violets can be achieved in many ways, the methods and opinions expressed by writers are their own and do not necessarily reflect the opinion of AVSA.

ON THE COVER —NATCHURLY NAWLINS, a Genelle Armstrong/Jeannette Domiano hybrid grown and shown by Linda Bjorkman, Broken Arrow, OK. A blue ribbon winner at the 1992 AVSA Convention/Show held in Columbus, Ohio.

Photo by T. A. Etter, Columbus, OH

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# African Violet MAGAZINE

*The Official Publication  
of The African Violet Society  
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a nonprofit organization*



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## FROM THE PRESIDENT'S DESK

Dear Members,

*Seasons Greetings to all of you from all of us at AVSA. We hope that the past year has been generous with love and prosperity.*

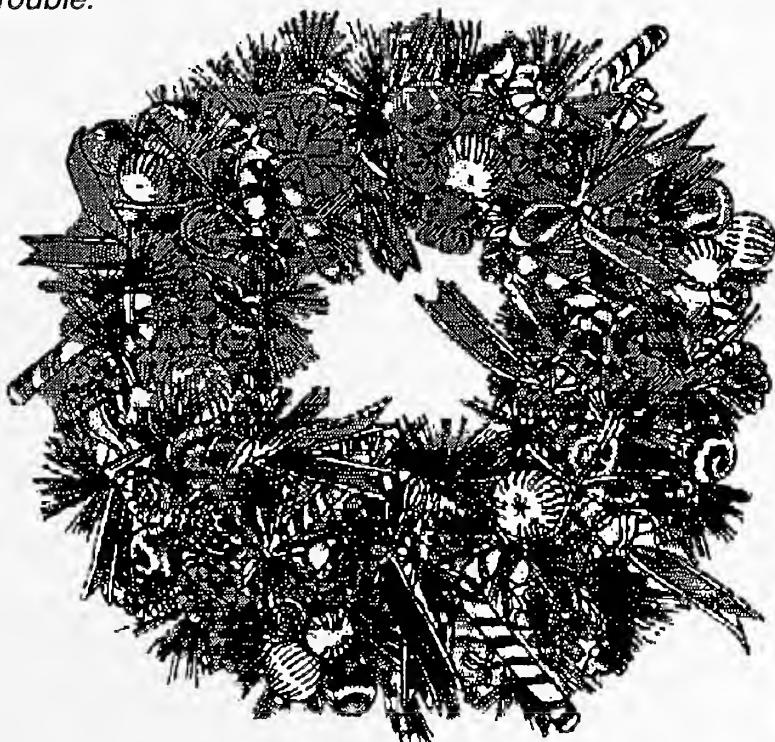
*We all know that good health is the most important of our possessions and it's a shame that some of us have to wait until later years to find this out. The old adage being that — "I would have taken better care of myself if I'd known I was going to live so long."*

*To those of you that have not had a kind year due to the loss of loved ones or of financial setbacks, we know this is very difficult to overcome, but this too will pass. The good Lord always lets us remember the good times.*

*There is always the coming of the New Year to look forward to with hope and the anticipation of a fresh start by making resolutions of "I'ma gonna" do better, or stop doing some things. Life without "I'ma gonnas" would be very dull and unrewarding, so I'ma gonna stop right here before I get into trouble.*

God bless,

A. Charles Bollar  
AVSA President



# NEWSLINE: AVSA Beaumont Office ...

*Season's  
Greetings*

**NANCY LAWRENCE**  
AVSA Office Manager

Dear Members:

Well, it's that time of year again, when we hope the Holiday Spirit of **goodwill** will overcome you and you will respond by giving someone a **gift membership** and **SIX** beautiful issues of the **African Violet Magazine**. Why not give such a useful gift that will always be remembered?

#### **MASTER VARIETY LIST #6:**

We have your orders for the MVL #6, but we do not have the book yet. I regret that it is taking longer to complete the book than I stated in the July AVM.

At this writing, I cannot give you an **exact** shipping date. We could have the books by the end of November or it may be December. I can tell you that we will fill your orders and ship the books the minute we receive them.

#### **AFFILIATE LIABILITY INSURANCE:**

It is **renewal time** again for your affiliated club insurance. The old policy will expire 12/31/92 and the new policy will begin 01/01/93.

The **President** or **Treasurer** of each club taking the insurance, will soon receive a form to complete. Please enter the number of members you now have and return the form with your payment.

We do not have the price per member at this writing, but the form you receive will have the cost. We anticipate being able to hold the cost to approximately \$2.40 per member. That cost includes a small administration fee charged by AVSA for costs incurred in handling all of the accounts.

#### **UPDATED PAGES FOR JUDGES HANDBOOK:**

There still seems to be some confusion among our members as to which set of the updated pages they should order. Below, is an explanation that I hope will help. Please look at the description of the books listed below, and then order by the cost in the cost column:

##### **JUDGES HANDBOOK YOU MAY HAVE**

Yellow 1986 book updated in 1990

Yellow 1986 book **NOT** updated in 1990

Ivory 1990 book

Ivory 1992 book

##### **WHAT TO ORDER and COST**

\$4.00 set of Updated Pages

New 1992 Judges Handbook -

\$9.95 **and** \$1.50 set of Updated Pages

\$4.00 set of Updated Pages

\$1.50 set of Updated Pages

If you are ordering a judges handbook for the first time, order the 1992 handbook - \$9.95 and ask for the \$1.50 set of updated pages.

#### **A WELCOME TO NEW STAFF MEMBERS:**

We would like to introduce you to a new AVSA Staff member. Starting November 2, Cindy Chatelain will join our staff as Assistant Office Manager. Cindy has been a member of AVSA for over 16 years and an AVSA Judge for over eight years. We feel that Cindy will be a great asset and we welcome her.

We would also like to welcome a new part-time employee — John Ray. John is a "wiz" on the computer and he too will be an asset to the staff.

Have a joyous holiday season, and don't forget to share your goodwill by giving someone a gift membership.

# Jane's Journal

Jane Birge, Editor

Another flag update — I want to thank seven-year-old **Suzy Mathews**, daughter of **Kathy Mathews**, vice president of the Evening African Violet Club of Des Moines, IA. Kathy writes, "Each magazine I read your column and tell myself I need to get you an Iowa flag; but it took my seven-year-old daughter Suzy to spot them one day in the store and say, 'Mom, you need to send one of these to the AVSA.'" Thank you ever so much for thinking of AVSA, Suzy, and now your flag stands proudly on the mantel here in Texas.

**Mae Dennison** of Houston recently took a trip to British Columbia, Canada, and also thought of AVSA and sent a beautiful BC flag, plus a photograph of Lake Windermere. You have to come and visit us some time Mae — we're practically neighbors.

My friend, **Michael Jackson**, president of the Alabama African Violet Judges Council came through and with these kind words, "It gives me great pleasure to present AVSA with a flag of the State of Alabama. Please accept this flag as a token of our appreciation of AVSA and our wishes for continued growth and success."

**Mary Getsinger** of Newberg, Oregon sent a flag and a wonderful description of her state, "Most everyone that I've heard from back east thinks of Oregon as cold and wet, but it really isn't. We live 20 miles south of Portland, in the Willamette

Valley. This is between the coast range and the Cascades. Within an hour we can be up on Mt. Hood in the snow or over at the coast or east in the almost desert country. Oregon has a very diverse and beautiful landscape — we think."

I think so too, from lovely words ...

**Chris Estridge** of Richmond, British Columbia also sent a flag from her province. This is really a gorgeous flag and we are very proud to display it. She commented, "We really enjoy the magazine — keep up the good work!"

And from Guadalajara, Mexico, I received the colorful flag of Mexico from **Octavio Quero** and these kind words, "I am almost sure that the women from the African Violet Club in Monterrey have already sent you a Mexican flag. If they have not, I am sending you one. About the new magazine, I like it very much and especially the new size. Many thanks for thinking about us — the readers."

**HousePlant** magazine editor, Larry Hodgson sent a very nice letter commenting on the new format of the AVM and at the end mentioned that a small flag from Quebec had fallen into the envelope — I'll take them anyway I can get them. And, speaking of *HousePlant* magazine, be sure and send them any notices of your upcoming shows. They will be glad to print the notices and they reach a very large market. Don't forget to subscribe

soon. Their most recent issue features a story on **Anne** and **Frank Tinari** — the godparents of AVSA.

That concludes the flag count for this issue; however, more are coming in every week. Maybe soon we will have 100% representation.

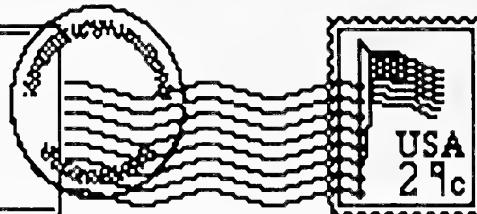
Magazines for sell .... **Kay Blair**, 840 Wylpoint Road, Norcross, GA 30093 has vintage copies of the *African Violet Magazine*, all in excellent condition, unmarked, unbent and like new — for sell for any reasonable offer. She also has an AVSA binder which she would include in the purchase price. She has Volume 31, No. 3 (June 1978) through Volume 37, No. 3 (June 1984), with Vol 37, No. 1 missing. Please contact her if you are interested. (Kay, you should have sent a flag—I don't have one from Georgia!)

Kind words and a request for certain varieties has been received from **Marc deVoir**, 1918 Regent St., Camarillo, CA 93010. He's looking for *Optimara Hawaii*, *Alice Marie*, *Shine Boy* (especially this one), *Yellow Bird*, *Yellow Breakthrough* and *Golden Girl*. If anyone can help, please contact him.

Hybridizer **Betty Bryant** of 24519 Rolling Meadow, Tomball, TX 77375, ph. 713-351-1821, is trying to find *Hot Touch - Wow*. P.S. Betty, too, likes the new format of the magazine.

Happy Holidaze — from all of us at the *African Violet Magazine*!

## Letters to the Editor



Dear editor:

Greetings from sunny South Florida — we survived Hurricane Andrew! I'm sure you've all watched on television, the scenes of total devastation down here, but let me assure you that the videos don't even begin to capture the losses that we've all experienced.

Even those of us like myself, who were lucky enough to escape with only tree damage, have experienced emotional upheavals that were surprising in their intensity.

Mind you, "tree damage" means that 40' ficus trees are now lying across front yards and 60' Australian pines block whole roadways. It's been quite an experience ...

We learned some lessons about what a hurricane really means. I also learned a lesson about how *not* to prepare my violets for the next storm.

No one expected that power would be off for as long as it was. My power was fully out for four days. When the lights did come on, they only stayed on for a day and then went out again. Then they came back on. Then they went back out.

It took another three full days before I had truly functional fluorescent lights. During the time that the electricity was out, the only light source I had, for the plants, was the bedroom

window. Even with opening the drapes as wide as I could, light was minimal.

When the storm was approaching, I had filled all the water reservoirs under the plants so that I wouldn't have to worry about watering them later. After the storm passed, I was too distracted to notice what was happening. For four days they got too little light and too much water. By the time I did start looking at them, most of the baby plantlets had succumbed to rot. The larger plants all had several outer rows of mushy, brown leaves that were just begging to become fungus factories.

After removing all the damaged leaves from the plants I could save, I wound up with a sorry looking group of necky plants that all needed to be cut back and re-rooted. Hopefully, everything will live and hopefully, some plants will be ready for our spring show.

And, next time I'll know that if the electricity goes off for many days, and there's not enough available daylight, I need to cut back on watering.

Of course, we're all hoping that there won't be a "next time!"

Yours truly,  
Claire Ulanoff  
8405 NW 8 St. #110  
Miami, FL 33126

Dear friends:

My thoughts and prayers are with you all who at this time are experiencing the devastating ravages of fires and the ghastly disaster of Hurricane Andrew.

May God protect you and keep you safe.

*Loving thoughts,*

*Fondly,*

Joan Halford  
Box 760, Pyramid 0120  
Republic of South Africa

(This letter from Joan Halford was received on the AVSA FAX machine the day following the devastation in Florida and Louisiana. — Editor)

### ATTENTION: HYBRIDIZERS!

**It's later than you think — time once again to get the cameras out and take slides of your new cultivars for the Lancaster convention.**

**Once again, I will be doing the program of new cultivars at the Saturday luncheon. This is your opportunity to show off your new introductions to the hundreds of people in attendance. This is a great chance for some free advertising.**

**I must have your slides by April 1, 1993, so I can work up the program. I would like a slide of the plant and a close-up of the blossom, if possible. Please include a description of the plant.**

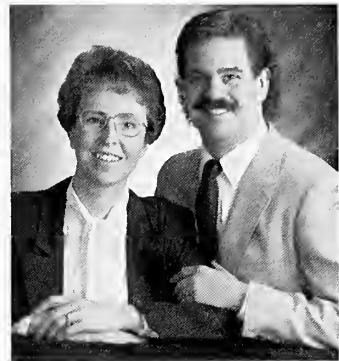
**You may send as many as you like and I will try to work them into the program.**

**The convention in Lancaster is your opportunity to show off your latest hybrids. The dates are April 19 - 24, 1993.**

**Send your slides to:**  
**J. R. Pittman**  
**12406 Alexandria**  
**San Antonio, TX 78233**

# BEGINNERS COLUMN

KENT & JOYCE STORK  
2501 East 23rd Avenue  
Fremont, Nebraska 68025



## Hands on violets ...

## FACING REPOTTING WITHOUT FEAR

Many beginning African violet growers face the thought of transplanting their beloved violets with great trepidation. What do you do? How do you do it? Will my babies live? Will they ever be the same? Are they ever going to look better? Help! Help!

After one has spent some time growing violets, transplanting gets to feeling much more comfortable and almost becomes routine. There are a number of reasons for shifting plants into newer, larger, or smaller pots, and we'd like to spend a little time identifying some of these needs and some of the procedures involved.

### NECKS

One of the most common signs that an African violet is in need of transplanting is the development of a long, almost trunk-like, stem between the bottom leaves and the surface of the soil. This is most commonly referred to as a neck. It is a normal aging process for the plant to lose its bottom leaves over time, and as these leaves wither away and are removed from the plant, this neck is left behind. Generally it is covered

with crusty old scar tissue, making it look a little like a pineapple. If it is not dealt with for a long time it may even look like the trunk of a palm tree.

If the plant is still looking reasonably healthy and the neck is not very long, the measures needed are not extreme. Take the dull side of a knife and scrape the dead scar tissue off the stem. This scraping allows the exposed fresh tissue to form roots more quickly. If you have time, you might want to wait a day, to allow the "bleeding" tissue to dry and seal. This can prevent the invasion of fungal disease. At the same time, groom off any leaves which have a faded green color or are smaller than the leaves above them. Open blossoms will often fade soon after a transplant, so it is also wise to remove any blossom stems that have open blossoms. This will allow the plant to concentrate its energy on producing new roots.

Next, lift the plant out of its pot. Squeezing the pot or gently bumping it against the counter edge can make it easier to remove. Then cut off the lower portion of the root ball with a

sharp knife. The amount removed should be about equal to the length of the exposed neck. Set the plant back down into the pot and fill in with fresh potting mix to bury the neck.

If the neck has been allowed to develop to a length that is longer than the pot is deep, it may be necessary to totally remove (amputate) the root system and pot only the long stem into the soil. A second alternative is to do several transplants, cutting away some of the root ball and gradually burying the neck deeper each time over a period of months. Either way, this is stressful for the plant. It is far better to transplant before the neck is out of control.

After placing the plant in its new pot, water it in thoroughly. Some growers like to use specialized products which stimulate root growth with this watering. Most of these contain B vitamins, and really do make a difference in how quickly a plant recovers from the shock of transplanting.

In Nebraska, we find that pulling a clear plastic bag over the plant (and tightly sealing it)

helps increase the humidity and gently increases the air temperature. This comfy atmosphere seems to bring plants through the shock of the transplant. Especially plants that have gone through radical transplant (amputation of roots) seem to need this extra measure. Often a week is enough, but in the extreme situations, a month is not too long. Usually the plant will not need additional water during that time. Only add water if the inside of the bag seems dry. If you live in an area with high relative humidity, this may not be necessary.

### **BUSHY OR MULTIPLE-CROWN PLANTS**

Often beginners allow plants to develop too many crowns. This suckering is easily avoided. Watch for the development of tiny leaves forming on the stem to the side of the main crown or at the very base of the plant. If the grower promptly removes these tiny crowns growing under or between leaves, the plant will not get a bushy look. Many growers have special tools for this, but personally we often use a dull pencil point to poke out growths that have four or more leaves. (Sometimes blossom stems put up two leaves first, so don't poke too soon!)

If suckers are left to grow, they will soon be similar in size to the original crown, making it difficult to even sort out which leaves belong to which crown. Aside from the mess, the crowns compete for nutrients since they all share the same root system. Often these plants are reluctant to bloom and they certainly are no source of pride!

To separate the crowns, first

let the pot become somewhat dry to prevent excess breaking of leaves. Next, lift the entire mass out of the pot and lay it on its side. From here you should begin to be able to sort out where the base of each crown is, and which leaves belong to it. Gently separate the crowns, using just enough finger force to break them apart. One or two of the crowns will have roots attached, but others may have none. These rootless crowns may need to be cut away from the rest of the plant with a clean knife. They can be started by setting the base slightly down into a light potting soil. Use an appropriately sized pot, and treat it like the root-amputated plants. Crowns with roots can each be placed into their own pots, again choosing the pot size in proportion to the plant, and following the previous methods. Extra crowns can also be thrown away, and unless you have a real need for them all, plan to make choices about which ones are really strong enough to save.

### **NEW SOIL**

Sometimes violets need to be repotted just to change the soil in which they are growing.

Most of the potting mixes that we violet growers use have a fair amount of peat moss as a base ingredient. Over the passage of time, the peat moss begins to break down and the soil gradually becomes more and more acid. When the pH level of the soil goes awry, nutrients in the soil become locked up chemically. Even though you are following a regular program with fertilizer, you might be allowing your plants to starve. The nutri-

ents might be there, but the plants are not able to utilize them. So periodic repotting of African violets, perhaps once a year for standards and more often for miniatures, is extremely beneficial for the plants in your collection.

Another thing that does tend to happen in time, is the settling or compacting of the potting mix around the roots. Even if you use good light fluffy soil, or soilless mixes, to prevent this from happening any too quickly, eventually it will take place. African violets have very fine and tender roots that cannot readily push through heavy or compacted soil, and when you can't get good healthy root systems under your plants, you probably also will not be seeing good abundant bloom. A way to test soil compaction is to push your finger down into the soil and all the way to the bottom of the pot. If this is not relatively easy, the soil is either compacted or too heavy.

Changing the soil without changing to a larger pot can require some finesse. Allow the plant to become mildly dry so that plant tissue is not quite so crisp and the root ball is not wet. This should help eliminate excess damage to the foliage during transplanting. Remove any leaves that are showing age or faded color. Then, after removing the plant from the pot, gently work some of the soil away from the root ball, loosening tight or tangled roots. Set the plant into the pot again and fill in with soil as needed, gently tamping the soil in, but never pressing it down. More soil may need to be added after watering for the first time.

## INSPECTION

Whenever you have the root ball out of the pot, examine it. Pests, like soil mealy bugs, might cause damage so that there are fewer roots than expected. Roots encircling the outside of the root ball, but not filling in the middle, would indicate that the soil did not have enough air in it. And, African violets do need some air around their roots to do their best. The soil may need additional perlite or other coarse material to add air. A sour smell might indicate over-wet conditions and the onset of rot.

## IT'S TIME! IT'S TIME!

As violets grow from starter plant size, to blooming size, to perhaps large show size, they do need repotting occasionally, to keep them growing well and looking good in proportion to their pot size.

According to the *Handbook for African Violet Growers, Exhibitors and Judges*, the ideal pot size for a violet is one third the diameter of the plant. Therefore, if a plant is approximately 12" or so in diameter, the ideal pot size is 4". Another way to look at it is that a 12" plant will just about fill a shallow 4" pot with roots. This does not need to be followed exactly when growing plants at home, but it is a good guideline. Plants that are planted in too large a pot will generally not perform as well as they should because the roots cannot fill the space provided, inviting problems with soil that stays too wet. Plants that are potted in pots too small tend to have their growth retarded and do not live up to their full potential. They also often need more frequent watering and are more

likely to fall over.

When starter plants in small (2-1/2") pots reach a diameter of three times the pot size, we personally like to pot them up directly into 4" pots and keep them there. We are, of course, talking about standard size plants here! Only those plants that are selected out for growing into larger show plant size might be planted into bigger pots. There is a slightly longer wait for plants to come into bloom when potted right up to 4" pots, but it does save the step of moving them up first to 3" pots and then to 4" pots. If you want to see blooms on your plants sooner, then you may choose to pot first into 3" pots and then on to 4" pots after they have grown to eight or nine inches in diameter. Keeping the roots confined to a smaller space will usually bring on blooming more quickly. This is something that will depend upon the individual grower's wants and needs.

Miniature and semiminiature plants should never be potted in pots larger than 2" to 3" if you wish to maintain the small size and health of the plant. A few semiminiatures seem to grow beyond their limits of 8" diameters when over-potted. Trailers need pots that relate to the overall size of the plant.

An important consideration in determining when a plant should be repotted is whether or not a plant is in an active growth mode. Some varieties do grow faster and with more vigor than other varieties, and it really is best for these plants to be repotted when they are actively growing to avoid holding them back. Watch for vigorous center growth and be sensitive to the

overall diameter of the plant. Correctly timing the transplant allows them to continue growing and thriving at the same pace. Sometimes you can see the aftereffects of waiting too long for a transplant. You may be able to see a row of leaves that are smaller than the leaves above and below them. This "break in culture" can be avoided by transplanting at the proper time.

Plants that are large genetically, or those that are being grown large in optimum conditions with a show in mind, do need adequate root space and thus a larger pot to support a sizeable leaf structure. Continue to use the rule of a pot 1/3 the plant diameter when potting up these larger plants. A plant that is 24" across should have an 8" pot. However, as one does repot such plants into larger and larger pots, it is also important to note that violets do not grow deep roots. The broad shallow pan-type pots are an excellent choice for these.

When potting these plants up to the larger pot, first place soil into the new pot, making a well in which to fit the root ball. This can be done using the smaller pot to mold a space the exact size of roots. Don't pack the soil tightly however. Also gently loosen the roots without making a major disturbance. This will allow the roots to begin stretching into the new space quickly, but will avoid very much shock to the plant.

## TO THE RESCUE

Having discussed accommodating the needs of growing and thriving plants, we must also address the issue of saving

plants that appear to be on their way downhill.

Keeping a close eye on your plants at all times will help to avert disaster on all fronts: pests, diseases, environmental hazards, and the like. Sometimes plants will simply cease to thrive despite the absence of any obvious cause. It could be due, as we discussed earlier, to problems with compacted soil, or it could be a problem with root damage due to lack of water or to too much water. Or it could be that one plant that someone knocked off the table and set back, hoping that you wouldn't notice!

In any case, if a plant still seems to be of adequate size and is in reasonably good health, repotting back into its old pot, just with a fresh helping of new potting soil, should help. Carefully loosen some of the old soil from the root ball and repot.

If a plant is not in good health and seems to be failing, more drastic measures may need to be taken. We have found that removing a row or two of leaves and repotting such a plant into a smaller pot can be very beneficial. In essence, you are taking the plant back to its childhood and giving it a new start. The bag trick mentioned earlier can be very helpful here, too. Then, after the plant has begun good new growth again, it can be moved back up to a larger pot once more.

Sometimes violets will seem to be sitting still and although they are healthy, they aren't thriving. These may be those plants that are just plain better off growing in slightly smaller pots. Give them a chance to do their thing! This probably is most

common with those hybrids that are classified as small standards.

### SOME TIPS

Remember to pot without packing the soil and in the proper size pots.

Repotting time always offers a good opportunity to check the soil for pests and insects.

The use of a spoon or soil scoop of some type is helpful to get soil under the leaves and into the pot instead of getting the soil all over the leaves and everything else.

It is usually best when repotting to loosen the root ball at least a little so that the roots will grow quickly into the soil around the edge of the pot.

Never try to repot in a hurry, especially with large mature African violets.

If using a root growth stimulant (one of the products containing B vitamins), remember to follow directions. More is not better.

Repotting during the winter

months will help prepare your plants to look their best during springtime, whether for shows or just for your own enjoyment.

Don't be afraid. In this case, chicken out is the most dangerous decision. Your plants will appreciate that you took the time to correct their problems.

### DO YOU GROW AN OLDIE?

We've heard that persons have kept the same plant, regularly transplanting it, since the 1950s. It doesn't seem that violets die of old age unless they get ignored. We'd like to confirm just how long a plant can live if it has been cared for. If you've had the same plant (not the same variety, but the same actual plant) for more than 20 years, we'd like to hear from you. We're looking for the oldest known violet plant. We'll share the stories of some of these old and healthy violets in a future column, so send us your story today!



George Ramirez is shown holding *Kiss of Fire* and *Bertha* from his Second Best AVSA Collection and Bev Promersberger won Best AVSA Collection and is shown holding *Sea Spray* and *Milky Way Trail*, at a recent Louisiana Council of AV Judges and Growers show.

*The best of the best*

# 1992 Best Varieties

FLOYD LAWSON  
1100 Huntington Drive, #21  
Arcadia, CA 91007

More than 800 members of the AVSA sent in their preferences for 2,645 different cultivars. It is obvious that we have so many beautiful new and old African violets, that the choice is becoming more difficult each year. These are the 41 varieties that 50 or more of you said were your favorites.

Thank you to every one who took time to respond, and to each who gave added encouragement along the way.

Here are our 1992 Best Varieties ... and may each grow and bloom for you!

Number of Votes	Name of Cultivar	Registration No.	Hybridizer
203	Happy Cricket	5726	Hollada
200	Precious Pink	6025	Pittman
187	Melodie Kimi	n/r	Sunnyside
178	Granger's Wonderland	3419	Eyerdom
167	Tomahawk	7268	Stork
125	Snuggles	5018	Lyon
124	Kiwi Dazzle	5888	Snell
116	Mickey Mouse	n/r	Inpijn
107	Pixie Blue	2598	Lyon
104	Splendiferous	5813	Whitaker
95	Nortex's Snowkist Haven	6046	Johnson
94	Tiger	3433	Fredette
90	Wrangler's Dixie Celebration	4490	Smith
89	Optimara Rose Quartz	6969	Holtkamp
87	Mark	3007	Maas
87	The King	2698	Maas
76	Amazing Grace	2688	Soultz
76	Ness' Viking Maiden	7182	Ness
74	Frosted Whisper	7198	Scott
72	Falling Snow	n/r	Tracey
72	Little Pro	6637	Pittman
69	Fickle Flirt	6738	Sorano
69	Something Special	3668	Nadeau
63	Phantom Flash	7065	Boone
62	Irish Flirt	7577	Sorano
61	Dumplin'	3931	Swift

Number of Votes	Name of Cultivar	Registration No.	Hybridizer
61	Picasso	6924	Tremblay
59	Irish Angel	4054	Egenites
58	Coral Kiss	6736	Sorano
58	Ming Blue	5823	Eyerdom
57	Dancin' Trail	5565	Sorano
56	Granger's Desert Dawn	4050	Eyerdom
52	Emilie Savage	5445	Eyerdom
52	Hello Sunshine	6740	Sorano
52	Ms. Pretty	5225	Anderson
51	Optimara Alabama	6542	Holtkamp
50	Cinnamon Girl	7202	Sorano
50	French Lilac	2844	Swift
50	Jean-Pierre Croteau	7038	Croteau
50	Snow Rose	5985	Whitaker
50	Snowy Trail	3678	Lyon

## Gift Giving Made Easy!

The holiday season brings thoughts of friendship and good will. The beautiful spirit of Christmas surrounds us everywhere. It's a joyous time of year when we remember and select appropriate gifts for special people.

A unique gift that can save on shopping time and energy, is a year's subscription to our beautiful, colorful *AFRICAN VIOLET MAGAZINE*. It makes a lasting and appreciated gift for anyone who grows and enjoys African violets. A gentle reminder, six times a year, to the recipient, that they have been thought of many times during the year.

The *AFRICAN VIOLET MAGAZINE*, with its many color photographs of new and winning cultivars from our annual African violet convention show, its timely articles on African violets by experienced columnists, and

regular features by qualified growers and hobbyists, make excellent reading. One finds many valuable and helpful suggestions on growing and showing beautiful African violets in this publication.

Research reports are given in detail by professional individuals who are engaged in important work for our society, and advertisements display hard to find items to help in the growing and care of African violets.

Remember a "dear" relative or good friend by sending the holiday gift of a subscription to the new and beautiful *AFRICAN VIOLET MAGAZINE*. It will bring revealing knowledge and pleasure that lasts a full year.

BE A "DEAR"  
GIVE AN AVSA  
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Happy Holidays,  
Anne Tinari  
Membership & Promotion

**AVSA Memberships  
Make Great Gifts!**

# AVSA Commercials

... a closer look



DAVID BUTTRAM

P. O. Box 193

Independence, MO 64051

## FISCHER GREENHOUSES — Bargaintown, NJ

Along the famous boardwalk of Atlantic City, New Jersey, stands casinos and hotels that attract visitors from around the world. The bright lights beckon those who seek live entertainment and the promise of a jackpot. For me, the jackpot of the area, lies in the little town of Bargaintown, NJ, the home of Fischer Greenhouses and Gardens, one of the oldest floral businesses in this country. It was here that I had the opportunity to visit owner, Charles (Charlie) Fischer.

The floral business dates back to 1876, when Charlie's great grandmother opened a



A bridge over a little pond is the entrance to the tropic-like African violet greenhouse at Fischer's.

flower shop in Atlantic City. Greenhouses were

built in 1928 in nearby Linwood. These early

greenhouses were built to produce fresh cut flowers and potted plants, for retail sales.

In the early 1950s, Charlie joined the business. About this time, a 90-acre tract of land was purchased and another greenhouse was erected. About 15 years ago, all growing operations, including the African violets, were moved to the present location. The difficulties of operating two facilities — two miles apart — brought about the consolidation.

"I hoped that when we moved everything here (Bargaintown), from Linwood, life would be a



**Charlie Fischer and Flossie Westphal look at a young chimera African violet.**

little easier," said Charlie. While there are always problems in a business, Charlie added, "At least we are in one location." Charlie was referring to the greenhouses and gardens being centrally located, because the company owns and operates flower shops in Atlantic City, Ocean City, Linwood and a small one adjacent to the greenhouses in Bargaintown.

Fischer Greenhouses moved into the African violet field about 40 years ago, due to the influence of employee, Paul Rockleman. Charlie remembered those days: "Paul was the inspiration in getting us in the mail order business. Early on, he did quite a bit of hybridization. One of the early doubles came from here. We jumped aboard the double pink bandwagon when

Lyndon Lyon came in with 'Pink Cloud.' We actually marketed it for Lyndon before he was in the mail order business.

"We came out with a group of fringed varieties which I called fringette types. They were hybrids Paul had developed." For his work in hybridizing at Fischer Greenhouses, Paul Rockleman received the Bronze Medal from AVSA in 1968.

One of the dilemmas of being diversified, is that Charlie must be, in his words, a "general practitioner" — a man wearing many hats during the day. Retail flower shops, a garden center, 115,000 square feet of greenhouse space (of which about 30,000 square feet is set aside for the propagation of African violets), plus several acres

devoted to outdoor plants such as hydrangeas — test the soft spoken man. Obviously, he has the mind, spirit and determination to meet each challenge that comes to him.

Faithful and enthusiastic employees can help lighten the load of an owner. Flossie Westphal and Roxie McDevitt were such a team. This mother-daughter combination worked in the African violet greenhouse, providing a continuity in sending out countless African violets and gesneriads, over the years. Roxie died recently, after having worked over half her life for Fischer Greenhouses.

Charlie predicts that, "... the violets have an excellent future. Our clientele is broadening. We see a lot of younger people come in; a lot of men,

as well as women. It's becoming a sport for all people."

He continued, "Cultivars are better now and people are having better luck with them. Fluorescent light is better understood and the advent of companion plants, such as the *streptocarpus*, have excited people. We are giving them a better variety, a broader spectrum of these (other gesneriads).

"The German varieties set new standards. The *Rhapsodies*, *Ballets*, *Optimaras* and one or two others that came out of Germany, contributed performance to the genus. We see better performance throughout. I think the future is good because people know the plants will work."

The Holtkamps are credited by Charlie for popularizing the African violet. The widespread distribution of the *Optimaras* in supermarkets, garden shops and department stores, at lower prices, has done a lot to stimulate interest in the field.

Finding a niche in the marketplace has helped Fischer Greenhouses. "We grow 6" pots that cannot be mailed and at the other end of the spectrum are the 'Little Darlings' which are miniatures in 1" pots." In summary, Charlie feels, "Over all, I think the plant has a great future." That will come as good news to other commercial growers who have seen decreased sales, due to the recession.

The Fischer catalog is beautifully photographed, laid out and printed. In full color, it serves up tempting pictures of the best varieties from leading hybridizers. It also serves as an excellent guide for judges and other commercial growers.

In the beginning — some 40 years ago — Charlie doubted that

true colors could be captured in print. Hand-drawn illustrations were done by a friend, Marian Ruff Chehen, who was an horticultural illustrator at Cornell University. The drawings were well done and Charlie remembers them as "mini" works of art.

Charlie's incursion into the field of photography, about 20 years ago,

prompted him to do his own camera work for a while, but now he has professionals to do the photo work.

For his soil mix, Charlie prefers a formula of 75% peat moss, 15% vermiculite (coarse) and 10% perlite. He once used styrofoam beads, but prefers perlite. To this mix he adds lime, super-phosphate, trace elements, Banrot and a wetting agent.

Avid, Knox-Out and



**A worker at Fischer Greenhouses carefully wraps a plant in cardboard sleeves for shipping.**

Pentac are the insecticides for thrips, mealy bug and mites, respectively, in the greenhouse. Charlie advocates early treatment when a problem is found.

You may see Charlie at an AVSA convention, where he spends much of his time strolling through the show room and sales room. I have watched as he looked very intently at plants, trying to determine each plant's strengths and weaknesses. Will the plant be a popular variety? Will it take the rigors of shipping? Will it be profitable? — which is the ultimate question every commercial grower must ask.

Fischer Greenhouses was one of the first places from which I ordered, when I got involved with African violets, some 23 years ago. This long time association made the visit special to me and I look forward to placing many more orders in the years to come.

Another interesting visit next time, with someone who had a part in some of the most African violets that have ever been hybridized!



**The exterior of some of the Fischer Greenhouses.**



**A portion of the 30,000 sq. ft. greenhouse devoted solely to African violets.**

## **1992 AVSA Master Judges Certified**

**ELINOR SKELTON**

*3910 Larchwood Rd., Falls Church, VA 22041*

The following AVSA members have earned the honor of becoming certified as Master Judges, effective October 1, 1992:

Mrs. J. M. (Anne) Breckenridge, 1042 S. 19th Ave., Bir-

mingham, AL 35205; Mrs. M. E. (Gene) Garner, 1010 Edgewood SE, No. Canton, OH 44720;

Nancy G. Hayes, 9 Cobblestone Rd., Bloomfield, CT 06002; Mrs. Roy Lockhart, P. O. Box 20051, Birmingham, AL

35216;

Irene Merrell, W 283 Hillendale Dr., Oconomowoc, WI 53066;

and Miss Nell Sue Tyson, 2030 E. Amherst Ave., Denver, CO 80210.

# Effect of Chelated Iron on a Crown Variegated African Violet

DR. JEFF SMITH  
317 Wewoka Drive  
Norman, OK 73071

African violets with crown variegation are unusual and challenging to grow. These plants have variegated leaves where the youngest leaves, or "crown," are highly colored with white or yellow, instead of being solid green. As the leaves mature to full size, the amount of green increases, until at maturity, the leaves are often solid green.

It has been a well known (and frustrating) fact that warm temperatures will decrease the amount of foliage color in crown variegated plants. Growers who try to keep the amount of variegation consistent between the layers of leaves, must often keep the plants in their coolest growing areas. The effect of fertilizers on the variegation has also been known. Some growers recommend keeping crown variegated plants on fertilizers with low nitrogen and high phosphorus (e.g., 5-50-17) to maintain the amount of variegation in the leaves. In some varieties, the proper temperature and fertilizer combinations will result in a plant that is predominantly yellow instead of green.

The amount of green that a leaf contains is a direct reflection of its chlorophyll content. Chlorophyll is the pigment that makes plants green and allows them to use light energy to make food. The amount of chlorophyll is dependent on many factors,

particularly the elements of nitrogen and magnesium that are structural parts of the molecule.

Another element that can affect the amount of chlorophyll in a plant, is iron. Although iron is not part of the chlorophyll molecule, it is very important in either chlorophyll manufacturing or in the structure of the chloroplast (the cell structure that contains the chlorophyll) (Bidwell, 1979). Plants lacking sufficient iron show deficiency symptoms in the young leaves. The leaves are often yellow and have green areas in the veins. The symptoms of iron deficiency are somewhat similar to the colors produced in the young leaves of crown variegated African violets.

The purpose of this paper is to report an experiment of adding iron to crown variegated African violets. The hypothesis was that crown variegated plants may have some difficulty in iron metabolism, resulting in the characteristic crown variegation pattern. Adding iron, therefore, may effect the growth of these plants and the amount of variegation they show.

Leaves of the crown variegated variety 'Berry Splash' were rooted and a number of identical plantlets were obtained. The plantlets were separated and potted in two inch square plastic pots. A soilless

growth medium of peat moss, vermiculite, and perlite (1:1:1) was used. The plants were grown under fluorescent lights (40W cool white) with a 12/12 hour day/night cycle. The plants were watered with tap water until the plants were well established. The location of the plants under the lights was rotated weekly to prevent uneven light effects.

Starting approximately four weeks after transplanting, the plants were watered with a fertilizer solution (20-20-20, 1/4 tsp. per three liters distilled water) to which various amounts of an iron solution had been added. The iron solution was prepared by mixing 6.95 grams of iron sulfate ( $FeSO_4 \cdot H_2O$  dissolved in 250 ml of hot water) with 9.32 grams of NaEDTA (Sodium ethylenediamine-tetraacetic acid dissolved in 250 ml of water) to form a chelated iron solution. Chelated iron is a readily absorbed iron compound for plants and is commonly used in plant growth formulas. The amounts of chelated iron solution added per 3.0 liters of fertilizer solution was 0 (control), 0.1 ml, 1.0 ml, and 10.0 ml. The fertilizer/iron solutions were used to water the plants twice weekly. The amount of variegation was recorded with photographs over the growing period. After three months, the plants were harvested by cutting the plant off at the soil line. The

leaves and stems were weighed, dried, and the fresh and dry weights were recorded.

The results indicated that adding chelated iron to 'Berry Splash' did not affect the growth of the plants in any significant form. **Table 1** shows the average fresh and dry weights of the plants. The weights of the Control, 0.1 ml, and 1.0 ml treatment levels are essentially identical. The weights of the 10.0 ml treatment plants were reduced. Several plants in this treatment were also killed during the experiment. Tests of the soil pH, however, indicated that the soil had become very acidic over the course of the experiment. The death and reduced growth of the 10.0 ml treatment plants was likely due to the change in the soil acidity and not directly related to the high iron concentrations.

The amount of variegation in the leaves was essentially identical between the treatments. Adding iron did not significantly decrease or increase the amount of variegation in this variety. A very slight increase in the amount of leaf anthocyanins (red pigment) was observed in the 0.1 ml treatment plants, but it was not clear that the difference was due to the iron treatment level.

Plants of a cultivar with mosaic or Lilian Jarrett variegation were also included in this experiment and received the same type of iron treatments. The weight results, etc., are not included here because the number of repetitions in each treatment level was very small (two or three plants). The results of iron solutions on Lilian Jarrett variegation were essen-

tially the same as those seen for 'Berry Splash.' There were no significant growth or variegation changes in the plants due to iron treatments. The only difference appeared to be in the 10.0 ml treatment. The Lilian Jarrett variegated plants were not as readily killed or stunted by the pH change in the soil. This variegation type (or individual cultivar) may be more hardy and less effected by soil pH than the crown variegated 'Berry Splash.'

The results suggest that mutations in the chlorophyll content or chloroplast structure that cause crown variegation are not apparently related to an iron metabolism problem. This is indicated because the control plants (growing in an extremely low iron condition with distilled water and fertilizer only) and the addition of various amounts of chelated iron did not effect plant growth or variegation. The defects that cause the variegation must lie in some other area of plant structure or metabolism. Likewise, Lilian Jarrett

variegation appears not to be effected by iron. This should be confirmed by further experiments, but it seems likely that any major effect would have been detected by this preliminary experiment.

In conclusion, adding chelated iron compounds to the soil of 'Berry Splash' and a Lilian Jarrett variegated plant does not affect plant growth or variegation. Using fertilizers with chelated iron in their formulas would not be expected to greatly affect the plant growth or the amount of variegation in other crown or Lilian Jarrett varieties. The effect of iron on Tommie Lou variegation has not been tested, but since crown and Lilian Jarrett variegation types were not affected by iron treatments, it seems unlikely that Tommie Lou varieties would react differently.

#### Literature Cited

Bidwell, R. G. S. 1979. *Plant Physiology* 2nd Ed. MacMillan Publishing Co., Inc., New York, 726 p.

**Table 1:**  
Average weight in grams of 'Berry Splash' treated with chelated iron.

**Treatment (ml/3 liters fertilizer solution)**

	<b>0</b>	<b>0.1</b>	<b>1.0</b>	<b>10.0</b>
Fresh Weight	9.8	9.8	9.3	2.6
Dry Weight	0.3	0.3	0.3	0.2

Sample size was five plants in each treatment except for the 10.0 ml treatment where the sample size was two plants.



# mini-tidbits

FLORENCE NAYLOR  
2647 Harbor Boulevard  
Ventura, CA 93001

Time flies when you are having fun. I hope your 1992 was packed with fun, because it's passing by in a hurry. Ever since the Columbus AVSA convention, I've been going full speed, but I only seem to be able to keep pace. All the leaves I bought at the convention are growing out of their solo cups. I just have not had the time to repot; maybe next week.

The end of the year is important for looking over your collections to see what varieties are doing well in your growing conditions, and, which ones are not. It is time to cull your collection down to a size that will allow you to add new varieties in the coming year. It is also a natural time to give African violets as gifts to your favorite

people. Put a blooming violet into a tea cup, with a subscription to the AVM, as a wonderful Christmas present. That way, the recipient will have a lovely plant and learn how to take care of it properly.

For those of you who like to grow in the little thumb pots, I've found a perfect reservoir for those pots. Try using the container that holds 35mm film. Instead of throwing it away, recycle it as a thumb pot reservoir. Its black color prevents the growth of algae and it can be filled to last one to two weeks, dependent on the size of the plant. If your camera doesn't use 35mm film, go to a photo shop. Most likely, they will be happy to give them to you — free. I use either synthetic yarn (one strand) as a wick or cut old nylon hose to use as wicking material.

If you are into recycling, I also recycle my egg cartons. By turning them upside down and cutting the tops of the indentations off, each hole will hold one film can nicely — for even spacing on your grow cart. If your egg carton is styrofoam, the part that is cut off can be broken into pieces and added to potting mix.

Some observations at the Columbus convention, that I found interesting, were: 1) The first time I saw blue blossoms on Lilian Jarrett foliage (mosaic variegation). All plants I had

seen up to this time have had pink blossoms. 2) Sticktite bell-shaped blossoms (Rob's Dandy Lion and Ness' Firefly, for example) that appeared to be doubles. Generally, bell-shaped blossoms are single and drop easily. 3) Bustle back foliage in a show. (Most wasp-shaped blossoms on bustle back foliage are single and drop easily.) It was refreshing to see it in a show, for the novelty, to remind the public that African violets come with many foliage types.

I also learned from Dr. Jeff Smith, that Lilian Jarrett variegation is a recessive genetic trait. I had wondered why so few new introductions with Lilian Jarrett variegation had been forthcoming from our hybridizers. Varieties with better odds of predictability can be produced by the "crown" or Tommie Lou type of variegation. In the last 10 years, the explosion of variegated varieties has been primarily of crown and Tommie Lou types. Dr. Smith has been experimenting with mosaic variegation, to obtain different color type blooms. I look forward to hearing about his results at future conventions and in the AVM.

As the winter months approach, remember to provide more humidity for your violets, as we begin to heat our homes. Also, to prevent powdery mildew growth, try to avoid drafts



FRAN RUSSON with *Hand Made*, 2nd best semimini; *Precious Pink*, best semimini, 2nd best in show, and *Buzz*, best mini, at a recent Metropolitan St. Louis AVC show.

while circulating air in your growing area. For you window sill growers, prevent leaves from touching the window panes or

they will turn brown and mushy from frostbite. It is more difficult to control temperatures, humidity and air in the winter

— but it can be done.

May your holidays be happy and the New Year — A Grand Expectation!

## Lancaster's Place in History

JULIA STAHL

Publicity Cochair, Lancaster Convention  
86 S. Hershey Road, Harrisburg, PA 17112

William Penn, founder of Pennsylvania, promised a farmer's paradise and blessings of civil and religious liberty in his new land. As early as 1709, a colony of Swiss Mennonites had escaped the religious persecution of their homeland and settled in an area now known as Strasburg, near Lancaster. Politically oppressed, economically impoverished, and religiously persecuted, German immigrants were eager for the opportunity to escape to a more fortunate land, and came to Lancaster. The oldest remaining building in Lancaster County, the Hans Herr house was built in 1719 by Lancaster County's first Mennonite settlers. The Mennonites worshipped in the house and today it is also the oldest Mennonite church in North America.

John Wright settled on the present site of Columbia sometime in 1726 and named the area, Lancaster, after the county of Lancashire, England, where he came from in 1714. Lancaster County was erected in 1729 and was the fourth county organized in Pennsylvania (William Penn organized the original three counties in 1682). The county was originally much larger than it is now, and was

gradually reduced by the separation of other counties.

During the French and Indian conflicts, and the Revolutionary War, Lancaster County served as the armory, workshop and granary for the Colonies. One of many iron works, Cornwall Iron Furnace, at Cornwall, operated from 1742 until 1883 and produced cannons for the Revolutionary War. German gunsmiths who settled around Lancaster developed an improved rifle that would shoot farther, with more accuracy. The Pennsylvania, or Lancaster rifle, helped win the Revolutionary War and later helped open the western frontier and was the world's best rifle in its time. This rifle was also known as the Kentucky rifle because Daniel Boone took them to Kentucky.

Lancaster's mills, shops and works manufactured everything from Stiegel glass to locomotives, clocks and watches to beer, sturdy Conestoga wagons to elegant sophisticated furniture.

"Lancaster Townstead," consisting of 500 acres, was surveyed and laid out in 1730. Over 75% of the people who took up lots in "Lancaster Town," between 1730 and 1740, were of German or Swiss descent. The

town grew rapidly and was chartered as a borough in 1742. By 1750, the population reached 2,000, and next to Philadelphia, Lancaster had become the most important town in colonial Pennsylvania. The key to Lancaster's success was commerce. It was both a regional marketing center and an emporium for the frontier, then stretching into western Pennsylvania, Maryland, and the northern part of the valley of Virginia.

Capital of the United States, for one day — September 27, 1777, and of Pennsylvania — 1777 - 1778, and 1799 - 1812, Lancaster was the largest and most urbane inland community in America during the period 1760 to 1810.

A charter of incorporation was granted in 1787 for Franklin College (now Franklin and Marshall College), named for then President of Pennsylvania, Benjamin Franklin.

The "five-and-ten" stores originated in Lancaster in 1879, and became familiar sites in many cities not long after.

Heroes that stalk the pages of history books, once walked the streets of Lancaster, and refreshed themselves in local taverns. The hospitality enjoyed by

Washington, Franklin, Adams, Paine, von Steuben, LaFayette and hosts of others, can be experienced today in Lancaster's restored homes. Rock Ford Plantation, the preserved home of Edward Hand, Adjutant General to George Washington, was built around 1792. Wheatland, home of our nation's 15th president, James Buchanan, is in Lancaster.

Your trip to Lancaster County will take you to another century. Nowhere in the United States, is the past more vivid.

Lancaster County, today, is a showcase of many cultures, but is readily recognized far and wide as the center of "Pennsylvania Dutch" culture and home of the nation's largest population of Plain people.

Be sure to attend the 1993 AVSA convention to be held in Lancaster, April 19 - 24.

## Bellflower AVS To Celebrate

The Bellflower African Violet Society of Bellflower, CA will celebrate its 40th anniversary at their Sunday, November 8, meeting. Guests will be greeted by President Yvette Homann.

The group was founded in 1952, by some members of the former Long Beach African Violet Society, as an evening group. One of the past presidents, the late Clarence Wilson, was a well-known California hybridizer and member of the Bellflower group.

**AVSA Memberships  
Make great gifts!**

## FRIENDS OF AVSA —

DEBBIE GRIFFITH  
1212 S. Pierson Ct.  
Lakewood, CO 80232

Since my entry into the world of home computers last year, I have become dependent on mine to aid me in the quick, efficient accomplishments of many tasks. Earlier this summer I had occasion to learn just how dependent I am on this modern gadget — when it died. Fortunately, its demise was painless — one minute I was typing my Friends column for the September/October AVM and the next minute the system was kaput. For the two weeks that I remained computerless, while awaiting the arrival of new parts, I felt as if I were in a communication void — unable to communicate with anyone via the written word. Telephones are great for quick communication, but inadequate in replacing the good ol' written word. Now that I am "back on line," I'll not waste a moment in getting this column ready for the next issue of the AVM.

In the world that we all share, we learn on a daily basis just how dependent we are on one another. Even the most vocal, independent-minded person has to rely on people known and unknown to sustain his or her existence. And so it is with AVSA. The Society is dependent on its membership to sustain its existence. Our Society is diverse, wide-spread and representative of many individuals with individual ideas. We come together to share our common love of African violets. Through the contributions of the member-

ship, the Society is able to grow and flourish, and I thank each and every member who has contributed to Friends of AVSA. This is a permanent endowment fund that will enable us to contribute to the financial future of AVSA. I hope you will consider joining those members who have already contributed. AVSA is dependent on you.

Listed below are donations received between March 1, 1992 and September 1, 1992. My thanks to each donor.

Bobbie J. Hunter .....	\$5
John E. McFarland .....	20
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Joyce Jenner .....	10
Nikki & Alfred Collard .....	10
Patricia Brooks .....	10
Total Donations for period .....	\$478
Total of All Friends of AVSA Donations ...	\$2,463

# SHOW TALK

DARRYL HOOVER  
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Fullerton, CA 92632

To ensure each exhibitor and exhibit receives the recognition they deserve, please either print or type your results on the reporting form. Once you've completed the Show Talk report, please double check your spelling. I can check hybrids through the *MVL*; however, individual names require me to contact the particular affiliates show chair. This may delay the publishing of your show results.

Please include a self-addressed stamped post card with your report. This will allow me to acknowledge receipt of your report and allows me to inquire with the affiliate should the need arise.

**MKO DYN-O-MITE AVS, MO** — "Violets at the Crossroads," Doris Carson, chair. Winners: Best AVSA collection, *Phantom Flash*, *Majestic*, *Becky*, best in show, *Phantom Flash*, best gesneriad, *Nautilocalyx pemphidius*, sweepstakes (horticulture), **Doris Carson**. Second best AVSA collection, *Snuggles Angel* (sm), *Snuggles* (sm), *Irish Flirt* (sm), **Mary Kaiser**. Second best in show, *Happy Trails*, best trailer, *Happy Trails*, best miniature, *Irish Dimples*, best semi, *Irish Flirt*, **Ron Kaiser**. Best design, "Route 66," sweepstakes (design), **Lina Tennis**.

**AVS OF JACKSONVILLE, FL** — "Easter Basket of Violets," Christene Hall, chair. Winners: Best AVSA collection, *Tomahawk*, *Wrangler's Dixie Celebration*, *Merry Marilyn*, best in show, *Wrangler's Dixie Celebration*, 2nd best in show, *Irish Flirt* (sm), best miniature, *Petite Jewel*, best semi, *Rob's Macho Devil*, sweepstakes (horticulture), **Harue Grady**. Second best AVSA collection, *Rob's Fiddle Faddle* (sm), *Rob's Doodle Bug* (sm), *Wee Be* (sm), best trailer, *Pixie Pink*, best gesneriad, *Episcia 'Peppermint'*, **Lucy Wall**. Best design, "Easter Egg Hunt," **Bobbie Johannsen**.

Sweepstakes (design), **Barbara Murdock**.

**CAPITAL DISTRICT AVS/AVS OF ALBANY, NY** — "Violets Discover the World," Edward Perras, chair. Winners: Best AVSA collection, *Little Pro* (sm), *Bright Honey* (sm), *Irish Flirt* (sm), 2nd best in show, *Surprise Party* (sm), best miniature, *L. A. Surprise*, best semi, *Surprise Party*, best trailer, *Rob's Sticky Wicket*, **Helen Gifford**. Second best AVSA collection, *Bertha*, *Granger's Desert Dawn*, *Medicine Man*, best in show, *Nortex's Razzmatazz Haven*, sweepstakes (horticulture), **Esther Mason**. Best design, "The Fountain of Youth," **Andrea Freeman**. Best gesneriad, *Columnea mortonii*, **George Rodanhausen**. Sweepstakes (design), **Kathy Schnurr**.

**POMONA VALLEY AVS, CA** — "40 Years With Violets," Doris Ashby, chair. Winners: Best Council collection, *Optimara Little Amethyst* (m), *Optimara Little Crystal* (m), *Optimara Rose Quartz* (m), best gesneriad, *Episcia 'Pink Brocade'*, sweepstakes (horticulture), **Faye Shirley**. Best in show, *Falling Snow* (tr), best trailer, *Falling Snow*, best miniature, *Optimara Little Kunzite*, **Louise Koop**. Second best in show, *Tipped Honey* (sm), best semi, *Tipped Honey*, best *Rob's Origination*, *Rob's Vanilla Pink*, **Juanita Perkins**. Best design, "Melody of Violets," sweepstakes (design), **Hilda Douglas**. Sweepstakes (gesneriad), **Lea Wood**.

**CENTRAL CALIFORNIA AVS, CA** — "Violets Under the Big Top," Jacquie Burrious, chair. Winners: Best AVSA collection, *Ness' Red Flash* (sm), *Rob's Fiddle Faddle* (sm), *Rob's Moonbeam* (sm), **Stan Barnes**. Second best AVSA collection, *Ruffles 'n' Lace*, *Silver Brocade*, *Ness' Viking Maiden*, **Donna Barnes**. Best in show, *Suncoast Circus Candy*,

third best in show, *Dreamland*, best semi, *Snuggles Blushing Doll*, best species, *S. grandifolia*, best gesneriad, *Alloplectus nummularia*, best miniature, *Spotted Pony*, sweepstakes (horticulture), **Doug Allen**. Second best in show, *Pride of Columbus* (sm), best trailer, *Ramblin' Silver*, **Doris Pryse**. Best novice, *Optimara Louisiana*, **Loretta Flint**. Sweepstakes (design), **Laverne Cottet**. Best design, **Karen Willoughby**.

**LONG ISLAND AVS, NY** — "Colour Our World," Dolores O'Sullivan, Betty Raskopf, chairs. Winners: Best AVSA collection, *Suncoast Paisley Print*, **Jean Pierre Croteau**, *Heavenly Notes*, best in show, *Suncoast Paisley Print*, sweepstakes (horticulture), **Dorothy Vogt**. Second best AVSA collection, *Ramblin' Moonbeam* (tr), *Ramblin' Prince* (tr), *Happy Trails* (tr), best trailer, *Ramblin' Moonbeam*, **Eileen Denison**. Second best in show, *Velvet Frost*, best semi, *Rob's Silver Spook*, **Marie Caruso**. Best design, "Shades of Purple," **Rosemary MacAluso**. Best miniature, *Midget Lilian*, sweepstakes (design), **Diane Lohan**. Best gesneriad, *Streptocarpus 'Janus'*, **Jack Zippen**.

**HEART OF MISSOURI AVS** — "To Mother With Love," Patrick Chrouser, chair. Winners: Best AVSA collection, *Ness' Viking Maiden*, *Wrangler's Jealous Heart*, *Pink Radiance*, best in show, *Blue Heron*, second best in show, *Kool Kay*, best gesneriad, *Huronia 'Holiday'*, sweepstakes (horticulture), **Joe Schulz**. Second best AVSA collection, *Rob's Violet Sky* (sm), *Rob's Fiddle Faddle* (sm), *Rob's Megan Lynn* (sm), best miniature, *Ness' Angle Blush*, **Catherine Ross**. Best design, "Mother's Lullaby," best semi, *White Ruffles*, sweepstakes \*design), **Dorothy Anderson**. Best trailer, *Teeny Bopper*, **Peggy Payne**.

**VENTURA COUNTY AVS, CA** — "100 Bloomin' Years of Violets," Jean Shipley, chair. Winners: Best AVSA collection, *Bertha*, *Mary Craig*, *Mighty Mama*, best in show, *Mary Craig*, **Marcia Shaver**. Second best AVSA collection, *Sapphire Halo*, *Fredette's Bethesda*, *Lady Diana*, **Floyd Lawson**. Second best in show, *S. pendula*, best trailer, *S.*

**pendula, Barbara Nussear.** Best design, "Roaring 20s," **Florence Naylor.** Best miniature, *Little Marsley*, best semi, *Rob's Pink Satin*, best gesneriad, *Sinningia 'Ruffled Wood Nymph'*, sweepstakes (horticulture and design), **Ann Wang.**

**T.H.E. AVC, AL** — "Alabama Celebration," Leisa McGaha, chair. Winners: best AVSA collection, *Painted Sunrise*, *Magnolia*, *Lela Marie*, sweepstakes (horticulture), **Hiawatha Eason.** Second best AVSA collection, *Irish Flirt* (sm), *Ness' Sno Fun* (sm), *Little Katherine* (sm), best in show, *Moby Grape*, best trailer, *Happy Trails*, best gesneriad, *Nematanthus 'Cheerio'*, **Ramona Hodges.** Second best in show, *Suncoast Paisley Print*, best Jeannette Domiano hybrid, *Plenty of Pepper*, **Leisa McGaha.** Best design, "Natural Beaty," sweepstakes (design), **Wendy Gulledge.**

**AVS OF PHILADELPHIA** — "A Century of African Violets," Peggy DePhillippo, chair. Winners: Best AVSA collection, *Optimara New Mexico*, *Ness' Sizzlin' Pink*, *Bertha*, second best in show, *Picasso*, best miniature, *Optimara Little Ruby*, sweepstakes (horticulture), **Rita Perzeproski.** Second best AVSA collection, *Magnolia*, *Ness' Viking Maiden*, *Lady Diana*, best in show, *S. pendula kizarae*, best trailer, *S. pendula kizarae*, **Judith Smith.** Best design, "1990 And Beyond," **Peggy DePhillippo.** Best gesneriad, *Episcia 'Pink Satin'*, **Marlene Buck.** Sweepstakes (design), **June O'Neill.**

**AVS OF EAST BAY AND DIABLO VALLEY AV GROWERS, CA** — "April Showers Bring Violet Showers," Vivien Ragan, Kathy Willoughby, chairs. Winners: Best AVSA collection, *Purple Frost*, *Picturesque*, *Smokey Moon*, best in show, *Purple Frost*, sweepstakes (horticulture), **Jackie Kenny.** Second best AVSA collection, *Nortex's Snowkist Haven*, *Mrs. Greg*, *Coral Kiss*, **Don Thornburg.** Best design, "The Secret Garden," sweepstakes (design), **Vivien Ragan.** Best trailer, *Pink Mint*, **Peg Osher.** Best miniature, *S. shumensis*, best gesneriad, *Alsobia dianthiflora*, **June Fallaw.** Best semi, *Rob's Copper Cat*, **Linda Karcher.**

**AVS OF GREATER MONTREAL, CANADA** — "The Gay 90s, Then and Now," Dick Harriman, Nancy

Johnston, chairs. Winners: Best AVSA collection, *Prince of Dixie*, *Happy Cricket*, *Aca's Eye Knees*, best in show, *Aca's Eye Knees*, best trailer, *Teeny Bopper*, best semi, *Precious Pink*, **Charles Law.** Second best AVSA collection, *Snuggles* (sm), *Little Pro* (sm), *Rob's Pinky Winky* (sm), sweepstakes (horticulture), **Irene Henry.** Second best in show, *Fredette's Moonflower*, best design, "Health," **Greta Durand.** Best gesneriad, *Episcia 'Karlyn'*, **Nancy Johnston.** Sweepstakes (design), **Anne Herbatuk.**

**OSHKOSH VS, WI** — "World of Violets," Betsy King, Dorothy Buehring, chairs. Winners: Best AVSA collection, *Hallmark*, *Blue Ice*, *Granger's Wonderland*, best in show, *Granger's Wonderland*, best semi, *Ness' Angel Eyes*, **Betsy Fox.** Second Best AVSA collection, *Double Black Cherry*, *Niagara's Brite Beacon*, *White Madonna*, **Kevin Degner.** Best trailer, *Jubilee Trail*, **Cathy Heider.** Best gesneriad, *Streptocarpus 'Marna'*, **Margaret Harrill.** Sweepstakes (horticulture), **Pat Robinson.**

**CLASSIC CITY AVS, GA** — "100 Years and Still Growing," Ellie Jordan, chair. Winners: Best AVSA collection, *Red Ferrari*, *L'Ambassadeur*, *Wrangler's Snowfields*, best in show, *Surprise Surprise*, second best in show, *Red Ferrari*, best miniature, *Optimara Little Pearl*, **Lois Duvall.** Second best AVSA collection, *Rob's Fiddle Faddle* (sm), *Teen Craze* (sm), *Wee Hummer* (sm), sweepstakes (horticulture), **Ellie Jordan.** Best design, "Tomorrow," best trailer, *Dancin' Trail*, best semi, *Wee Be*, **Sarah Carson.** Best gesneriad, *Episcia 'Strawberry Patch'*, **Treva McDaniel.** Sweepstakes (design, tie), **Sarah Carson**, **Ellie Jordan.**

**NAUGATONIC AVS, CT** — "A Salute to Disney," Roger Wheeler, chair. Winners: Best AVSA collection, *Little Katherine* (sm), *Little Pro* (sm), *Snuggles* (sm), best in show, *Fredette's Katydid*, second best in show, *Optimara Harlequin*, best miniature, *Snuggles Love*, best semi, *Little Pro*, sweepstakes (horticulture), **Julie Prokop.** Second best AVSA collection, *Rhapsodie Nicole*, *Rhapsodie Candy*, *Midnight Magic*, **Don Goodwin.** Best

gesneriad, *Streptocarpus 'Maassen's White'*, **Marge Fargeot.** Sweepstakes (design), **Edna Rourke.**

**BREW CITY VIOLETEERS, WI** — "Violets Cruise to Paradise," John and Sue George, chairs. Winners: Best AVSA collection, *Mary Alice*, *Nortex's Valentine Haven*, *Nortex's Hallmark Haven*, best in show, *Mary Alice*, second best in show, *Optimara Harlequin*, best trailer, *Teeny Bopper*, sweepstakes (horticulture), **Nancy Barry.** Best design, "Davy Jones' Locker," sweepstakes (design), **Terri Torbeck.** Best miniature, *Rob's Starberry*, best semi, *Irish Flirt*, best gesneriad, *Sinningia 'Merry Christmas'*, **John and Sue George.**

**MILWAUKEE AVS, WI** — "African Violets Tour Milwaukee," Dorothy Fossum, Joan Wilson, chairs. Winners: best in show, *Iridescent*, second best in show, *Dode*, best design, "Milwaukee Zoo," best trailer, *S. grandifolia* #299, best gesneriad, *Streptocarpus 'Lil Brother'*, **Joan Wilson.** Best miniature, *Optimara Rose Quartz*, **Helen Geisler.** Best semi, *Dreams and Wishes*, sweepstakes (horticulture), **Marie Maas.** Sweepstakes (design), **Dorothy Fossum.**

**TUCSON AVS, AZ** — "African Safari," Rosalie Herlihy, chair. Winners: Best AVSA collection, *Alamo Red*, *Optimara Trinidad*, *Optimara Manitoba*, best in show, *Alamo Red*, second best in show, *Coral Glo*, best trailer, *Santa Fe Trail*, best semi, *Sugar Bear Blues*, **Carolyn Anderson.** Second best AVSA collection, *Happy Cricket*, *Tomahawk*, *Mixed Magic*, best design, "Call of the Land," sweepstakes (horticulture and design), **Julie Martin.** Best gesneriad, *Episcia 'Kee Wee'*, **Dorothy Greer.**

**AVS OF LOWER BUCKS COUNTY, PA** — "Violets - 101," Joyce McMullen, Sandi Smith, chairs. Winners: Best AVSA collection, *Fisherman's Paradise*, *Emile Savage Moluccan*, best in show, *Moluccan*, second best in show, *Emile Savage*, **Kay Lyons.** Second best AVSA collection, *Sugar Bear Blues* (sm), *Irish Flirt* (sm), *Snuggles Little Dreamer* (sm), **Cassius Smith.** Best design, "A Study in Horticulture," best semi, *Deano*, best gesneriad, *Episcia 'Pink*

**Brocade, Marion Allen.** Best trailer, **Nancy Hayes**, sweepstakes (horticulture), **Bill Lyons.** Best miniature, **Mickey Mouse, Joyce McMullen.** Sweepstakes (design), **Linda Frantz.**

**AVS OF SPRINGFIELD, PA** — "Our Garden of Violets," Bettie Roth, Barbara Jones, chairs. Winners: Best AVSA collection, *Ballet Marta, Splendiferous, Dorothy Parker*, best in show, *S. grandifolia*, second best in show, *Ballet Marta*, best trailer, *Rob's Sticky Wicket*, best semi, *Party Lace*, best gesneriad, *Kohleria 'Red Rider'*, sweepstakes (horticulture), **Barbara Jones.** Best design, "Garden of Eden," sweepstakes (design), **Jane Balancio.** Best miniature, *Best Girl, Idanna Peeler.*

**SAN JOAQUIN AVS, CA** — "Violets International," Susan Bastianelli, chair. Winners: Best AVSA collection, *Picasso, Mary Craig, Phantom Flash*, best in show, *Picasso*, best trailer, *Saratoga Trail*, best miniature, *Petite Jewel*, best semi, *Precious Pink*, third best in show, *Kiwi Dazzle*, sweepstakes (horticulture), **Doris Weaver.** Second best AVSA collection, *Smokey Moon, Apache Secret, Party Animal*, second best in show, *Ness' Viking Maiden*, best design, "Dutch Windmills," best gesneriad, *Streptocarpus 'Blue Ribbon'*, sweepstakes (design), **Susan Bastianelli.**

**BALTIMORE AVC, MD** — "A Century of Violets," Marie Burns, Margaret Harcourt, chairs. Winners: Best AVSA collection, *Optimara Mississippi, Party Print, Granger's Desert Dawn*, second best in show, *Granger's Desert Dawn*, **Janet Haag.** Second best AVSA collection, *Optimara Trinidad, Prince of Dixie, Memories, Sharon Toolan.* Best in show, *Party Print*, best design "Not to be Forgotten," best gesneriad, *Sinningia 'White Sprite,' Marie Burns.* Best trailer, *Milky Way Trail*, best semi, *Little Katherine, Margaret Harcourt.* Best miniature, *Mickey Mouse*, sweepstakes (horticulture), **Shirley Huffman.** Sweepstakes (design), **Betty Lages.**

**LAKESHORE AVS OF TORONTO, CANADA** — "The Show of the Century," Betty Tapping, chair. Winners: Best AVSA collection (amateur), *Jean, Nortex's Snowkist Haven, Frosted Whisper*,

Best AVSC collection, *Aca's Eye Knees, Desire, Aca's Red Delight*, best in show, *Desir*, second best in show, *Jean*, third best in show, *Frosted Whisper, Beverly Williams.* Second best AVSA collection (amateur), *Heritage Frolic (sm), Pat Champagne (sm), Irish Flirt (sm)*, best semi, *Pat Champagne*, best gesneriad, *Episcia 'Silver Skies'*, best trailer, *Scuba Diver*, best species, *S. ionantha, Betty Tapping.* Second best AVSC collection, *Pink Enchantment, Albany Sunset, Aca's Wewonchu, Beverly Britt.* Best miniature, *Rob's Lilliputian, Charles Law.* Commercial Division: Best AVSA collection, *Barbara Jean, Frosted Whisper, Magnolia*, best in show, *Barbara Jean*, second best in show, *Frosted Whisper, Bud Tapping.* Best commercial display, *Aca's Violet Tree*, best new introduction, *Aca's Zachary, John and Doris Brownlie.* Best design, "Tommie," *Eleanor Elston.*

**VIOLETS AND FRIENDS CLUBS, OH** — "Calendar of Violets," Terena Stotler, chair. Winners: Best AVSA collection, *Deano (sm), Snuggles Blushing Doll (sm), Little Pro (sm)*, best design, "Father's Day," best semi, *Little Pro*, sweepstakes (design) **Martha Bradney.** Best in show, *September Affair*, second best in show, *Splendiferous*, best miniature, *Tiny Moon Goddess*, sweepstakes (horticulture), **Terena Stotler.** Best gesneriad, *Episcia 'Pink Brocade,' Coral Brown.*

**GEORGIA STATE AVC** — "Violets and Lace," Joan Cumpston, chair. Winners: Best AVSA collection, *Fredette's Risen Star, Texas Dynamo, Kiss of Fire*, second best in show, *Fredette's Risen Star*, best gesneriad, *Columnea 'Early Bird,' Lois Duvall.* Second best AVSA collection, *Tiger, Wrangler's Jealous Heart, Casper Ghost, Jeanette Wallace.* Best in show, *Amazing Grace, Katherine Fowler.* Best design, "Lavender and Lace," sweepstakes (design), **Laura Walker.** Best trailer, *Santa Fe Trail*, best semi, *Rob's Blue Moon, Susan Bradley.* Best miniature, *Ness' Angel Blush*, sweepstakes (horticulture), **Jean Wright.**

**GARDEN STATE AVC, NJ** — "Let Freedom Ring," Gary Thurman, chair. Winners: Best AVSA

collection, *Petite Jewel (m), Rob's Romancer (m), Wichita Baby (m)*, best in show, *Frosted Whisper*, best design - terrarium, best miniature, *Rob's Romancer, Gary Thurman.* Second best AVSA collection, *Mini Papa (sm), Rob's Ember Glow (sm), Moon Bright (sm)*, best gesneriad, *Episcia 'Happy Face,' sweepstakes (design), Rhona Thurman.* Second best in show, *Woodland Sprite, Leo Wisniewski.* Best semi, *Super Skirt, Penny Wezel.* Sweepstakes (horticulture), *Hilda Vandermeer.* **SHO-ME AVC, KS** — "Violets, Stars of the Silver Screen," Sylvia Prince, chair. Winners: Best AVSA collection, *Gala Pink, Ness' Bangle Blue, Marvel*, best in show, *Gala Pink*, second best in show, *Ness' Mini Sota (sm)*, best trailer, *Milky Way Trail*, best miniature, *Ultra Little Cozumel*, best semi, *Ness' Mini Sota*, sweepstakes (horticulture), **Pat Richards.** Second best AVSA collection, *Swing Along (sm), Irish Flirt (sm), Precious Pink (sm), Carol Allinson.* Best design, "Bibbidy! Bobbidy! Boo!," sweepstakes (design), **Sylvia Prince.** Best gesneriad, *Aeschynanthus lobbianus variegata, Doris Brown.*

**AVS OF NORTH JERSEY** — "A Century of Violets," Barbara Craig, chair. Winners: Best AVSA collection, *Irish Kiss, Apache Feathers, Cristabel*, best semi, *Wee Be*, best gesneriad, *Streptocarpus 'Ilsa,' Helen Nymark.* Second best AVSA collection, *White Crusader, China Pink, Pink Blueberry*, second best in show, *Kermit*, sweepstakes (design), **Becky Johnson.** Best in show, *Orchid Trail*, best trailer, *Orchid Trail*, best miniature, *Optimara Rose Quartz*, sweepstakes (horticulture), **Bob Kurzynski.** Best design, "Oriental Influence," *Emilia Rykowski.*

See the  
January/February  
1993  
issue of  
the AVM  
for all your  
AVSA Convention  
information.

# AVSA BUILDING FUND



ANNE JANTZEN  
2725 Katrina Way  
Mountain View, CA 94040

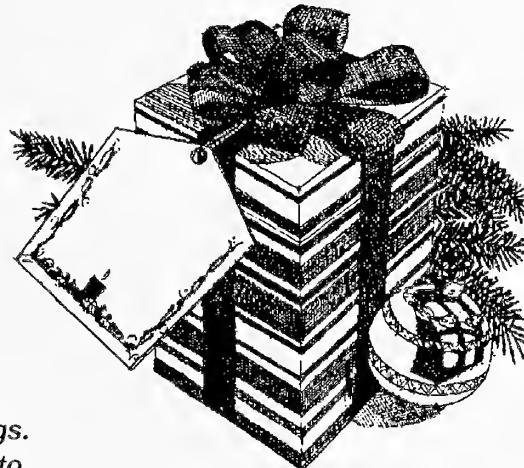
I would like to share with you the following letter from the Magic City African Violet Society of Birmingham, Alabama:

*Dear AVSA Building Fund Coordinator:*

*Enclosed is Magic City AVS' check for \$100 for the Building Fund.*

*Magic City AVS was founded in 1977 and still has five of the eight founding members. Our membership has been higher through the years than in 1977, and now — because of members moving away and going to work, we are back at eight members. We earn money by auctioning violets, leaves, and non-violet contributions at our meetings.*

*We challenge other small clubs, as well as larger ones, to match our donation!*



*Sincerely,  
Stella T. Malone, Treasurer  
Magic City African Violet Society, Alabama*

## *Season's greetings from the Building Fund!*

*June, 1992*

Don Thornburg, CA ..... \$15.00

Bill and Paula Foster, TX  
in memory  
of Peter Carpenter ..... 20.00

Mr./Mrs. Byron Turner, TX  
in memory

of Peter Carpenter ..... 15.00

First Nighter AVS, TX  
judge's traveling expenses  
for Mary Ann Corrigan,

Velma Lewis, Ileana Lopez,  
Mary Stallings, Myrtle Chilcutt,  
Debbie DeBruin ..... 30.00

Union Co. Chapter AVSA, NJ  
in memory  
of Estelle Taylor ..... 25.00

Marjorie Crosby, NJ  
in memory  
of Estelle Taylor ..... 10.00

Desert Sun AVS, AZ ..... 50.00

Magic City AVS, AL ..... 100.00

AVS of Greater New York .... 25.00

Grace Davis, TX  
in memory  
of Peter Carpenter ..... 15.00

The Cavalier AVS, MO ..... 25.00

Naomi A. Miller, NY ..... 5.00

Nellie R. Stroupe, AR ..... 15.00

First Goldsboro AVS, NC.... 25.00

Spring Branch AVC, TX ..... 25.00

Total for the month - \$400.00

**TOTAL OF ALL CONTRIBUTIONS**

- \$80,463.35

*July, 1992*

Don L. Thornburg, CA ..... \$15.00

First Goldsboro AVS, NC  
in lieu of travel expenses  
to Sandra Mims ..... 25.00

First Austin AVS, TX ..... 250.00

Jean Hicks, AL  
in lieu of travel expenses from  
The Montgomery AVS, AL .. 15.00

Quad City AVS, IA ..... 100.00

Mary Goode, CA  
in memory of husband, Jewell,  
a native of Beaumont..... 50.00

Susan Dickstein,  
Salt Lake Embroidery,  
from sale of African violet  
t-shirts ..... 44.00

Brigitte McKnight, CA ..... 25.00

Ft. Walton Beach AVS, FL... 15.00

Lynn Lombard, CA  
in lieu of speaker's fee  
from Granada Hills AVS.... 25.00

Total for the month - \$564.00

**TOTAL OF ALL CONTRIBUTIONS**

- \$81,027.35

# Creating ... with Fredette

IRENE FREDETTE  
1545 Whitney Avenue  
Hamden, CT 06517



Your interesting letters and kind words are appreciated. I have made every effort to acknowledge all correspondence and answer questions to the best of my ability. Some readers, however, erroneously assume the existence of a special fund or stipend for stationery and postage. Not so! Therefore, if a personal response is desired, PLEASE enclose a stamped self-addressed envelope.

**Q:** *Can thrips seriously interfere with my hybridizing efforts?*

**A:** Yes! They can make their own crosses and they can destroy yours. Pollen is a favorite main course for the hungry "critters" who puncture anthers to get at it. For dessert, they especially enjoy munching on the sticky stigma which has been dusted with pollen. Therefore, you should make every effort to get rid of them. A new product which will be generally available soon, promises much-needed relief. It is based on the natural insecticides found in the tropical Neem tree, also known as the Margosa. One of its most remarkable traits, which has attracted recent attention, is its ability to control and repel insects. Its seeds are used in India to protect grain supplies from

infestation; the oil from the seeds is used in many medicines, as well as in soaps; twigs of the tree are used as toothbrushes by natives. The Neem insecticide is biodegradable and its toxicity is quite low — much less than that of most insecticides with which growers are familiar. According to its manufacturer, it provides effective control over a variety of insects, including thrips, through its complex action. It disrupts the growth cycle and causes death in immature insects; it is also an anti-feedant which disables the insects' ability to feed; it is a repellent. The product is virtually odorless and, therefore, pleasant to use and the insects do not build up resistance to it. We have been testing it for phytotoxicity and find that it does not discolor or damage African violet blossoms or foliage when used according to instructions.

**Q:** *What has been your most unusual seedling?*

**A:** There have been several "firsts" but perhaps the most memorable was one I referred to as "Double-Decker" while trying to come up with a better name. I had been working on some brilliant

corals, among them 'Tangerine' and 'Coral Canyon.' One plant of the latter produced what appeared to be a plump green seed pod in the center of each newly opened blossom. The "pods" grew until they resembled small water-lily buds. Soon it became apparent that each was the calyx of another flower. When the sepals separated, there was another flower inside the green capsule — thus a "double-decker" with both blossoms remaining fresh and resisting fading for a long time. I took several close-up photographs which were sent to specialists, along with samples of the curious buds. None had ever seen anything similar. My plans for further breeding were shattered by a sudden illness and loss of this most unusual plant, while I was hospitalized. To this day, I wonder if it could have been shown — perhaps with a notation to puzzled judges, "No, these are not giant seed pods — but merely green shells enclosing more blossoms."

**Q:** *If I purchase African violet seeds or unnamed seedlings, can I name them and present them as my own creations?*

**A.** I am dubious about the ethics involved and can best answer your question by quoting from a book published more than 40 years ago. Montague Free's words are just as relevant today as they were then: "An unfortunate situation has been accentuated by certain

dealers who offer unnamed seedlings giving the purchaser the privilege of naming them. It is easy to see where this kind of practice will lead — new names will be applied to varieties identical to some already named and many varieties unworthy to be perpetuated will receive a distinguishing name simply because the owner lacks the discernment properly to evaluate them. This condition will right itself to some extent as soon as devotees stop collecting 'just names.' However, one looks hopefully toward the Registration Committee of the African Violet Society ... in encouraging a sense of responsibility among breeders which will deter them from naming (and registering) inferior varieties." When Mr. Free sounded his alarm, there were only 600 listed varieties. It has been estimated that today the number is in excess of 20,000 named varieties, many of which are no longer available.

**Q. I have made some successful crosses with my irises, but know very little about African violets. How can I best begin hybridizing them?**

**A.** By learning as much as possible about the subject. Become a member of The African Violet Society of America, then join a local African violet club. The national organization and local clubs are actually interdependent in a symbiotic relationship, each bolstering and supplementing the other. One provides invaluable written material as well

as the opportunity to attend workshops, meet other enthusiasts, and see the best of plant specimens at the national convention. The other offers the benefits of continuous hands-on experience and contact with knowledgeable and helpful growers in your area. And, of course, visit your library in search of some good books on the subject of plant breeding.

**Q: How does one obtain varie-**

*ties which may be pictured or registered by obscure amateur hybridizers and never again seen or listed anywhere?*

**A:** This can be a vexing and frustrating problem, especially in cases where the originator is not a commercial grower and does not sell or ship. In effect, it is advertising a product which is not available. You might write to the hybridizer for information.



**JUDY WILLIAMS with her best AVSA commercial collection, *Joelle* (also 3rd best in show), *Apache Beauty*, and *Texas Dynamo*, at a recent Metropolitan St. Louis AVC show.**

# African Violets ...

*This holiday season finds beautiful blooming plants — everywhere*

People are growing and showing African violets everywhere — and AVSA has become as international as the United Nations.

AVSA member Elma Ter Hovanessian lives in Tehran, Iran, and has been growing violets for over 16 years. A friend gave her a plant and ever since she has been collecting. Last year she began hybridizing.

For the 100th anniversary of the discovery of *Saintpaulia*, Elma and two other Armenian women, Seda Gregorian and Loreta Simroogian, decided to have an exhibition of 100 different varieties of African violets. The show took place this spring in Tehran's Armenian Social Society, which also co-sponsored the event.

Three plants were introduced, named — Levon, Lucie and Rafi



Elma Ter Hovanessian (far right) of Tehran, Iran celebrates "100 Years of African Violets."

— after the Armenian President Levon-Ter-Petrossian and his wife Lucie and Armenian Foreign Minister Rafi Hovanesian.

A large crowd attended the

exhibition which coincided with the Tehran Municipality's Flower and Plant Fair; however, according to the *Tehran Times*, the most interest was shown for



"Violette Montreal" contest winner hybridized by Yvon Decelles



This exquisite show room greeted visitors to the 25th annual convention of the African Violet Society of Canada held recently in Montreal at the Chateau Champlain Hotel.

# ... around the World !

the African violets.

Anyone interested in exchanging violet information can contact her by writing: Elma Ter Hovanessian, Mirzae Shiraze, Ave. 18 No. 43, 3rd Floor, Tehran, Iran 15966 or you may contact her brother, A. Ter Hovanessian, 1744 E. Sycamore #6, El Segundo, CA 90245.

"Violettes Montreal" was the theme recently for the La Société des Saintpaulia de Montréal's 25th annual convention of the African Violet Society of Canada, which was held in conjunction with the 350th anniversary of Montreal.

In the ballroom of the Chateau Champlain Hotel, over 700 plants were exhibited for the pleasure of over 1,300 visitors.

Yvon Decelles' plant of 'Violette Montreal' was chosen the winner of the hybridizing contest. The plant will be registered with AVSA.

Almost 100 exhibitors were

represented from all over Canada and the United States.

Each year, the Sociedad Peruana de Violetas Africanas in Lima, Peru, participates in a flower show exhibition in the auditorium of the Cancer Institution.

Recently, the African violets were judged the best exhibit of

the year.

Gabriela Milla-Leon is president of the club which devotes a great deal of time trying to get people involved in the growing of African violets.

The Sociedad Peruana de Violetas Africanas is an affiliate of The African Violet Society of America, Inc.



**The Sociedad Peruana de Violetas Africanas was awarded the best flower show exhibition of 1991**



**Colette Godin shown with display at the AVSC convention**



**Visitors enjoy the beautiful exhibit, "Violets for Christmas," held in Lima, Peru**

By special request ...

# How To Build A Plant Stand

MARY ANN SWITZER

1925 Lone Trail Lane, Chesterfield, MO 63017

I grow mostly standard-size plants, and sometimes put them on wick watering reservoirs. I like to be able to put four 11" x 21" trays on each shelf. When I built my customized plant stand, I took step-by-step photographs, hoping to enable others to build plant stands and thereby duplicate all the violet growing pleasure I have had over the years.

You can save a little money by using paint and stain that you have on hand from another project. You can purchase 48" shoplight fixtures which are frequently on sale at hardware stores at very low prices, or you can splurge on the more expensive fixtures which have the tubes spaced about 11 inches apart.

Over the years, I have purchased some of each.

I have stained the wood walnut and painted the shelves with semi-gloss latex enamel in an off-white called "French Vanilla." You can stain the plywood shelves if that would better suit your decor, but be sure to also put a polyurethane varnish over it so that spilled water will not leave marks.

On my first plant stand, I painted the shelves off-white. Later, I read that white shelves would cause the leaves to curl downwards. So my second plant stand got green shelves.

After several years, I could see no difference in how the plants were growing on the two different color shelves. But I had grown to despise the green shelves. The plants didn't look pretty on the shade of green I had chosen. So now all shelves and my potting table are "French Vanilla."

## MATERIALS LIST

### **1" x 3" wood** (actually 3/4" x 2-1/2")

4 pieces 4'6" (uprights)

6 pieces 4'7-1/2" (side pieces)

6 pieces 24" (end pieces)

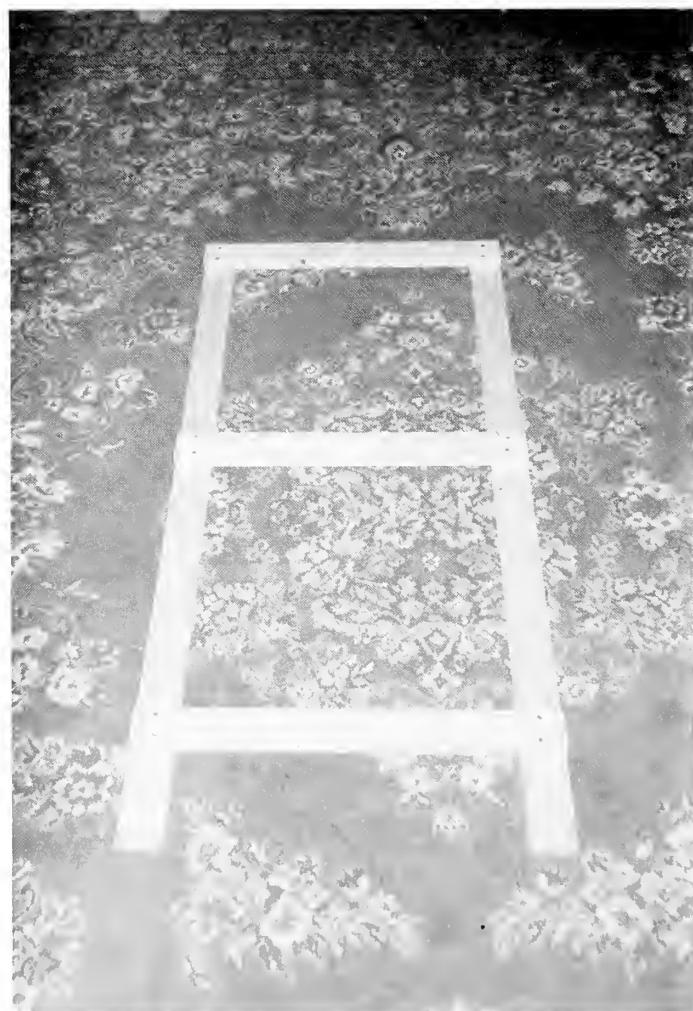
### **1" x 2" wood** (actually 3/4" x 1-1/2")

6 pieces 4 feet (side supports)

6 pieces 15" (end supports)

### **1/2" thick plywood**

3 pieces 24" x 4'6" (shelves)



**STEP 1. Fasten end pieces to uprights with screws.**

60 screws 1-1/4" x 8" flat head steel wood-screws  
nails  
wood stain  
polyurethane varnish (clear satin finish)  
quart of paint for shelves (semi-gloss latex enamel)  
silent glides for feet (or wheels called casters)

#### **TOOL LIST**

electric drill  
drill bit which counter sinks screws  
saber saw or hand saw  
screwdriver  
hammer  
electric sander or sandpaper  
paint brushes

#### **DIRECTIONS:**

##### **Step One**

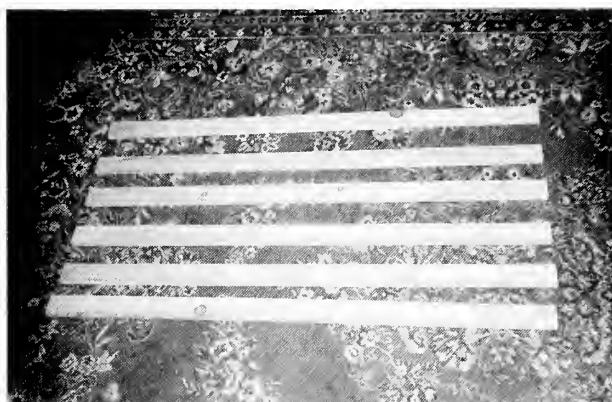
Lay out uprights on floor. Place end pieces across them. Fasten with screws. Make two of these end units. (See page 30)

##### **Step Two**

Turn end unit over. Attach end support pieces with nails.

##### **Step Three**

On inside of side pieces, attach side support pieces with nails.



**STEP 3. Attach side supports to side pieces with nails.**

(Continued on page 34)



**STEP 2. Turn unit over, and attach end supports with nails.**

# Boyce Edens Research Fund



MARLENE BUCK  
P. O. Box 38  
Oreland, PA 19075

**Contributors Please Note:** When making a donation be sure to include the way you want your club's name listed in the AVM. Also, be sure and list the correct city and state where your club is located.

Donations received from May 20, 1992 through July 20, 1992:

Pomona Valley AVS, CA	Maxine George, Topeka, KS
in memory of Mary Snell .... 10.00	in memory
The Pied Pipers,	of Paul H. (Pat) Patterson ... 10.00
St. Louis, MO ..... 10.00	Heart of Dixie AVS, Dothan, AL
AVS of Hawaii, Honolulu .... 25.00	in lieu of judge's traveling
AVS of Springfield, PA..... 10.00	expenses for Peg Phythyon. 25.00
Cen-Tex Rainbow AVC,	Ethel M. Choy,
Killeen, TX,	Honolulu, HI ..... 5.00
in memory of	Twin Cities AVS, Bloomington, IL
Mr. Aubrey Lee Stafford,	in memory of
father of Louise Bates	Ruth Tiedeman ..... 30.00
and Brenda Clarke ..... 10.00	Eloise Cline, Normal, IL
AVS of Greater New York	in memory of
Inc. ..... 20.00	Ruth Tiedeman ..... 20.00
First Goldsboro AVS, NC.... 25.00	Spring Branch AVC,
The White Mountain AVS,	Houston ..... 25.00
Lakeside, AZ..... 50.00	Tampa AVC, FL ..... 50.00
Ruth Stief,	Tampa AVC, FL
Winona, MN ..... 50.00	in memory of Max Maas.... 20.00
Dale D. Munger,	Magic Knight AVS,
Littleton, CO ..... 10.00	San Antonio, TX ..... 10.00
Sonya Scherer,	The Montgomery AVS, AL
Trenton, NJ ..... 10.00	a memorial
Elizabeth Roth,	to past members ..... 15.00
Wallingford, PA..... 5.00	Suburban AV Enthusiasts,
Aretha K. Koppenhaver,	Country Club Hills, IL..... 10.00
Topeka, KS, in memory	Quad City AVS,
of Paul H. (Pat) Patterson ... 10.00	Bettendorf, IA ..... 100.00

## THE POET'S CORNER ...

### Ode to Nolan Blansit

Roses are red,  
Violets are yellow.  
You opened the door,  
You ingenious fellow!

You took all our dreams  
Right past the limit.  
Now, who sells that yellow?  
I want one this minute!

Carol Bruce  
Las Vegas, NV

### A Love Story

The violets grow,  
My love keeps watch.  
All creatures deserve her  
sweet concern.  
But only I,  
Out of those with arms for  
leaves  
Am so blessed.

Chris Trochiano  
written for  
Paula Vanario

## AVSA

### Booster Fund

RUTH WARREN  
P. O. Box 3664  
Fall River, MA 02722

The AVSA Booster Fund has requested the support of our AVSA members, societies, clubs, councils and friends.

I myself have been asked and I would like to share my reflections on what it means to me to support AVSA.

As Booster Fund chairman, I have been able to see first hand the many benefits of AVSA and the generous gifts from our US members and our international members.

Many are aware that AVSA cannot provide special considerations not included in the AVSA budget without additional financial support to enable us to continue providing needed assistance to attain some of our goals.

When I began this chairmanship, it was apparent that the Booster Fund needed a "boost" in our giving and support of AVSA. I have seen the dedication and cooperation as so many of our AVSA members, societies, etc., extended themselves in these trying economic times.

One cannot help but feel a sense of accomplishment and have a wonderful feeling when so many care.

AVS of Greater New York ... \$15.00
AVS of Utah ..... 10.00
J.A.V.A. ..... 25.00
AVS of South Bay ..... 25.00
Yucca Valley AVS ..... 25.00
Celeste Circle ..... 10.00
Union County Chapter AVS .25.00
Don Thornburg ..... 10.00
Town & Country AVS ..... 30.00
Margaret Davidson ..... 20.00
Mr. Koichi Kamino ..... 10.00
Susie Jones ..... 10.00
Anna Staump ..... 10.00
Don Thornburg ..... 10.00
Nancy Elaine Blewett ..... 10.00

# *The 1992 Master List of African Violets*

*Compiled by Lynn Lombard, Master Variety List Chairman*

Supplement to African Violet Magazine Volume 45 No. 6 November/December 1992

\*designates registered varieties

## A

ACA'S ESTHER (J. Brownlie) Semidouble pink two-tone star. Variegated, plain. Small standard

ACA'S HONEY BEAR (J. Brownlie) Semidouble fantasy. Variegated, plain. Small standard

ACA'S INUIT MIDNIGHT (J. Brownlie) Semidouble blue. Variegated, plain. Small standard

ACA'S JACKIE (J. Brownlie) Semidouble red. Variegated. Semiminiature

ACA'S VASCO (J. Brownlie) Semidouble pink star/red eye, purple fantasy. Variegated dark green. Small standard

\*ADELINE (7609) 11/9/91 (D. Harrington) Double pink two-tone. Dark green, heart-shaped, quilted, wavy/red back. Standard

AHOY THERE (G. Durand) Single-semidouble dark blue star/white wavy edge. Dark green, scalloped. Standard

ALAMO LASS (H. Pittman) Semidouble bright fuchsia. Variegated. Semiminiature

\*ALLEGRO (7694) 6/8/92 (C. Akemann) Semidouble-double bright to dark pink shaded large. Dark green, pointed, quilted, serrated/red back. Standard

\*AMETHYST CONFETTI (7555) 9/20/91 (C. Carter) Single-semidouble chimera purple wasp/wide white stripe. Medium green, heart-shaped, pointed, hairy, glossy. Miniature

ANASTASIA (S. Sorano) Semidouble light blue two-tone large pansy. Medium green. Large

\*ANGEL OF JOY (7684) 5/13/92 (N. Johnston) Single-semidouble hot pink star/wine tips. Variegated medium green, lime and cream, ovate, quilted. Miniature

ANGEL PINK (Volkmann) Light pink wavy star. Dark green, plain. Standard

\*ANGEL'S HALO (7652) 1/9/92 (N. Johnston) Single hot pink sticktite pansy/fuchsia eye, wide white edge. Medium green, plain, pointed. Standard

\*ANGEL'S KISS (7685) 5/13/92 (N. Johnston)

Double dark fuchsia star/some white tips. Variegated dark green, lime and cream, heart-shaped, quilted. Miniature

ANNINA (A. E. Adams) Double white/pink tinge. Medium green, plain. Miniature

ANTIQUE PINK (J. Swift) Double pink/white frilled edge. Medium green, quilted. Standard

ANTONIA (D. Harrington) Single lavender-orchid sticktite/green-edged top petals. Medium green. Standard

APRIL ROMEO (H. Pittman) Semidouble bright purple. Variegated medium green. Semiminiature

\*ARAPAHOE (7706) 6/15/92 (K. Stork) Semidouble red large star. Light-medium green, plain, pointed. Large

ARCTIC BABY (A. E. Adams) Semidouble white star. Variegated medium green and cream, quilted. Miniature

\*AUDREY BUCHANAN (7681) 3/6/92 (H. Pittman) Semidouble rose. TL variegated medium green, plain. Semiminiature

AUNT THYRA (B. Foster) Semidouble rose-pink and white. Variegated. Standard

\*AUSTEN'S LOVE (7689) 5/23/92 (L. Munk) Double light blue ruffled large/wide white edge. Dark green, ruffled/red back. Large

AWE-INSPIRING (J. Swift) Double lavender frilled/fantasy marking. Medium green, ruffled. Standard

\*AYAKO (7623) 11/19/91 (Eyerdom) Semidouble medium pink/red glitter band, white edge. Medium green, plain, pointed, quilted. Standard

## B

BABY MINE (H. Pittman) Double light pink. Variegated. Semiminiature

\*BACK IN TIME (7556) 10/3/91 (P. Barnhart) Semidouble purple/pink and light lavender fantasy. Dark green, heart-shaped, quilted/red back. Large

**BAD BONNIE** (B. Foster) Double purple/thin green frilled edge. Variegated. **Standard**

**BALTIMORE BLUE MOON** (M. Burns) Semidouble bright blue large ruffled star/tone-on-tone stripes. Medium-dark green, quilted. **Large**

\***BARBARA SAWER** (7551) 9/13/91 (N. Johnston) Double medium blue frilled. TL variegated dark green and rose, ovate, glossy, wavy/red back. **Standard**

\***BEDROOM EYES** (7721) 7/6/92 (Armstrong/Domiano) Double white pansy/dark lavender markings. Variegated medium green and white, quilted. **Standard**

\***BEGUILING** (7661) 1/31/92 (Armstrong/Domiano) Single fuchsia sticktite pansy/red glitter overlay, purple edge. Dark green, plain, longifolia, glossy. **Large**

\***BERMUDA BELL** (7667) 2/3/92 (J. Bell) Light mauve star/pink stripe. Dark green, plain/red back. **Standard**

**BERRY HAPPY** (B. Johnson) Single-semidouble raspberry and white/darker eye, veins, white edge. Medium green. **Standard**

**BETTY BRYANT** (B. Foster) Double rose/copper-tipped top petals. Variegated. **Standard**

**BILLY'S MISSY** (J. Bell) Single magenta/darker tips, some dogwood tips. Plain/red back. **Standard**

**BISHOP** (D. Harrington) Semidouble rose/green frilled edge. Light green, wavy. **Standard**

**BLACKBERRY HALO** (G. Boone) Semidouble-double dark purple frilled. Variegated dark green and pink, spooned. **Standard**

**BLUE DOUBLOON** (E. Kiesling) Semidouble medium blue. Dark green, plain, round. **Standard trailer**

**BLUE INDIGO** (A. E. Adams) Semidouble mauve two-tone. Variegated dark green and cream, plain. **Semiminiature**

**BLUE SMOKE** (S. Sorano) Double dark blue. Dark green, glossy, wavy/red back. **Semiminiature**

**BLUEBERRY RUFFLES** (S. Sorano) Semidouble dark blue frilled. Variegated dark green, white and pink, wavy. **Standard**

**BONANZA** (Volkmann) Dark rose-pink star. Dark green, plain. **Standard**

**BOWL OF CHERRIES** (J. Swift) Double dark fuchsia/white frilled edge. Medium green, plain. **Standard**

**BRIDAL WHITE** (M. Burns) Single-semidouble white large star/pink blush, glitter overlay. Dark green, glossy. **Large**

**BRIGHT DANCER** (S. Sorano) Semidouble-double hot pink/white edge. Medium green, quilted. **Standard**

\***BRYCE** (7695) 6/8/92 (C. Akemann) Semidouble light blue wavy/darker center, veins. Medium green, quilted, serrated. **Standard**

\***BRYTE DAYDREAMS** (7544) 8/21/91 (B. Elkin) Semidouble chimera bright pink star/lavender stripe, purple fantasy, white wavy edge. Dark green, quilted, wavy. **Standard**

\***BRYTE RAIN DANCE** (7545) 8/21/91 (B. Elkin) Double dark orchid star/lighter markings, thin dark purple edge. Dark green, plain, pointed. **Standard**

**BUBBLEGUM HALO** (G. Boone) Semidouble light pink two-tone frilled pansy. Variegated dark green, pink and cream. **Standard**

\***BURNING STAR** (7569) 11/7/91 (S. Sorano) Semidouble red wavy star. Dark green, plain/red back. **Large**

**C**

**CAMBRIDGE WANDERER** (A. E. Adams) Semidouble pink/darker edge. Variegated medium green and pink, plain. **Semiminiature trailer**

**CANDLELIGHT WALTZ** (S. Sorano) Double light pink pansy. Medium green, quilted. **Standard trailer**

\***CANDY SWIRLS** (7673) 2/28/92 (Cox/B. Johnson) Semidouble white and pink large pansy/pink eye, edge. Medium green, quilted, scalloped. **Small standard**

\***CARA MIA** (7722) 7/6/92 (Armstrong/Domiano) Single vivid purple and dark lavender star. Black-green, plain. **Large**

**CARIBBEAN ICE** (S. Sorano) Single-semidouble light raspberry large star/white edge. Medium green/red back. **Standard**

**CAROLINA LADY** (Volkmann) Double light pink. Dark green, plain. **Standard**

\***CAROUSEL LADY** (7552) 9/19/91 (M. Burns) Single chimera burgundy sticktite star/bright rose stripe. Dark green, ovate, quilted, glossy/burgundy back. **Large**

**CARRE' ANN** (J. Stokes) Double light blue. Dark green. **Miniature**

**CELTIC TWILIGHT** (A. E. Adams) Semidouble dark violet. Variegated light green and cream, plain. **Miniature**

\***CENTENNIAL CELEBRATION** (7543) 8/16/91 (F. Tinari) Single-semidouble fuchsia-mauve ruffled. Medium green, ovate, quilted, glossy,

serrated/red back. Standard

\*CENTENNIAL FLARE (7656) 1/22/92 (F. Tinari)  
Double dark burgundy. Medium green, heart-shaped, quilted/red back. Standard

\*CENTENNIAL PURPLE (7657) 1/22/92 (F. Tinari)  
Semidouble dark purple ruffled large. Medium green, heart-shaped, serrated. Standard

\*CENTENNIAL SPARKLER (7658) 1/22/92 (F. Tinari)  
Single vibrant pink/darker center. Dark green, heart-shaped, glossy/red back. Standard

\*CENTENNIAL THUNDER (7659) 1/22/92 (F. Tinari)  
Single white ruffled large/lavender-tinged center ring, edge. Medium green, heart-shaped. Standard

CEREMONIAL DANCE (K. Stork) Semidouble-double dark purple-red. Variegated medium green and cream. Standard

CHAMPAGNE PINK (S. Sorano) Double pink pansy. Variegated medium green, yellow and cream. Standard trailer

CHARLIE'S CHUCKLE (B. Foster) Semidouble pink/coral eye, purple fantasy. Dark green, pointed, quilted. Standard

CHARTREUSE WONDER (D. Harrington) Semidouble white/pink eye, green edge. Light green, wavy. Standard

\*CHASING SUNSHINE (7570) 11/7/91 (S. Sorano)  
Semidouble-double dark red wavy star. Medium green, plain, quilted. Standard

\*CHERRY GLO (7640) 11/22/91 (J. Lalanne) Double cherry red star. Medium green, plain, pointed. Miniature

\*CHERRY KISSES (7686) 5/13/92 (N. Johnston)  
Double dark cherry star/darker ruffled edge. Variegated dark green, cream and pink, quilted, pebbled, serrated/red back. Miniature

\*CHORALE (7674) 2/28/92 (Cox/B. Johnson)  
Single-semidouble dark coral-red star/thin white wavy edge. Dark green, plain, quilted/red back. Large

CIMARRON (Volkmann) Single rose-pink large star. Medium green, quilted. Standard

CINNAMON CANDY (S. Sorano) Double dark red star. Dark green/red back. Standard

\*CINNAMON SPICE (7571) 11/7/91 (S. Sorano)  
Single-semidouble dark red star/white wavy edge. TL variegated dark green, white and pink, plain, wavy. Large

CLASSIC AIR (A. E. Adams) Semidouble pink rayed/green edge. Variegated dark green and cream, quilted. Semiminiature

CLASSY DEBUTANTE (A. E. Adams) Single dark

rose. Crown variegated. Semiminiature

CLASSY SIS (A. E. Adams) Single rose two-tone. Variegated dark green and pink, serrated, girl foliage. Miniature

COLLEEN (A. E. Adams) Semidouble lavender/darker rays. Variegated light green and cream, plain. Miniature

\*CONNIE'S FOLLIES (7749) 7/30/92 (E. H. Adams) Single-semidouble light lavender two-tone. Dark green, plain, longifolia, quilted. Large

COOL CONTENDER (A. E. Adams) Single pink two-tone/variable darker eye. Variegated green and cream, plain. Semiminiature

CORAL MAGIC (B. Johnson) Single-semidouble dark coral-red. Dark green, plain. Standard

\*CORN'S A POPPIN' (7687) 5/13/92 (N. Johnston)  
Semidouble white ruffled star. Variegated dark green, pink and cream, ovate, quilted. Semiminiature

COSMOS (Volkmann) Semidouble-double wine-red. Dark green, plain. Standard

\*COUNTRY QUILT (7572) 11/7/91 (S. Sorano)  
Semidouble light lavender wavy star/darker eye, edge. Medium green, plain, quilted. Standard

\*COUNTRY SUNSHINE (7573) 11/7/91 (S. Sorano)  
Double dark red wavy star. Medium green, plain, quilted. Standard

CRESTED WAVE (B. Johnson) Single-semidouble white large/blue-purple edge. Medium green, quilted, scalloped. Standard

CURLIE WERLIE (D. Harrington) Single-semidouble fuchsia/orchid ruffled edge. Light green, wavy. Standard

**D**

DAFFY DANIEL (D. Harrington) Double orchid. Dark green, quilted, wavy. Standard

DANCING VISION (J. Swift) Double pink-rose mottled/lighter edge. Medium green. Standard

\*DARING DEBS (7703) 6/13/92 (B. Foster) Single-semidouble pink two-tone pansy/thin white ruffled edge. Variegated green, white and some pink, plain, quilted. Standard

DARK KNIGHT (A. E. Adams) Single dark purple star. Medium green, wavy. Standard

\*DATHYN (7710) 6/15/92 (Stork/Boone) Semidouble-double medium blue ruffled. Dark green, quilted. Standard

\*DEAN'S BABY OPAL (7613) 11/14/91 (C. Hobbs/D. Hobbs) Single wine pansy/darker tips, edge.

TL variegated medium green and white, heart-shaped. **Semiminiature**

\***DEAN'S LEGACY** (7679) 3/3/92 (C. Hobbs/D. Hobbs) Semidouble pink fringed. TL variegated dark green, heart-shaped/red back. **Semiminiature**

\***DEAN'S PLUM PEACOCK** (7680) 3/3/92 (C. Hobbs/D. Hobbs) Single wine fringed pansy/dark wine tips. Mosaic variegated dark green, white and cream, heart-shaped, serrated/dark red back. **Semiminiature**

**DEARIE** (J. Swift) Double light purple/fantasy marking, lighter frilled edge. Medium green. **Standard**

**DEBBIE** (Unknown) Single white and purple. Light green, ruffled. **Standard**

**DEBUT** (Volkmann) Purple star. Medium green, quilted. **Standard**

**DECELLES' APOLLO** (Y. Decelles) Semidouble purple pansy/coral fantasy, pink spots. Variegated dark green and cream. **Large**

**DECELLES' BIJOUX** (Y. Decelles) Semidouble fuchsia two-tone pansy. Variegated medium green and cream. **Standard**

**DECELLES' COSMOS** (Y. Decelles) Single pink pansy/blue fantasy. Variegated dark green, cream and pink. **Standard**

**DECELLES' DELTA** (Y. Decelles) Semidouble pink/blue fantasy on petal sides. Variegated dark green and white. **Standard**

**DECELLES' EXPLOSION** (Y. Decelles) Semidouble pink/blue fantasy. Variegated dark green and white. **Standard**

**DECELLES' FANTASIA** (Y. Decelles) Semidouble pink pansy/blue fantasy on petal sides. Variegated dark green and white. **Standard**

**DECELLES' ILLUSION** (Y. Decelles) Semidouble medium blue star. Variegated dark green, white and pink. **Large**

**DECELLES' PRESTIGE** (Y. Decelles) Semidouble fuchsia two-tone pansy. Variegated medium green and cream. **Standard**

**DECELLES' ROMANCE** (Y. Decelles) Semidouble pink two-tone star. Variegated dark green and cream. **Large**

**DECELLES' SUPERBE** (Y. Decelles) Semidouble fuchsia-pink two-tone large frilled star. Variegated dark green and cream. **Standard**

\***DEEP DARK SECRET** (7662) 1/31/92 (Armstrong/Domiano) Semidouble dark lavender shaded ruffled large star/some white edge. TL variegated dark green, cream and pink, pointed, glossy. **Large**

**DELONA** (B. Foster) Semidouble red frilled large. Variegated green and white. **Standard**

**DESIREE DAWN** (G. Boone) Semidouble-double white/variable red eye, wide red-edged top petals, thin fuchsia-red frilled edge. Light-medium green, quilted, wavy. **Standard**

\***DOROTHY BOYER** (7696) 6/8/92 (C. Akemann) Semidouble light pink large/white-green frilled edge. Dark green, pointed, quilted, serrated/red back. **Standard**

**DOUBLE BOW** (M. Burns) Double lavender large/purple fantasy. Dark green, pointed, glossy. **Large**

**DOUBLE JOY** (Volkmann) Double medium pink large star. Dark green, plain. **Standard**

**DREAM MAGIC** (S. Sorano) Semidouble pink pansy/blue stripe. Medium green. **Large**

**DREAMSCAPE** (B. Johnson) Single-semidouble light-blue orchid star/lighter center, white wavy edge. Medium green, plain, pointed. **Standard**

**DRESSED IN BLUE** (S. Sorano) Semidouble light blue wavy star. Medium green. **Standard**

**DUSKY ROSE** (A. E. Adams) Single rose-lavender two-tone. Variegated dark green and pink, plain. **Miniature**

**E**

**EARLY SUNRISE** (S. Sorano) Single-semidouble light mauve star/darker tips. Variegated medium green and white. **Standard**

\***EASTER MORNING** (7675) 2/28/92 (Cox/B. Johnson) Semidouble light-medium blue pansy, shaded to pale blue at edge. Medium green, pointed, quilted. **Standard**

**ELECTRIC DREAMS** (S. Sorano) Double dark coral/rose glitter overlay. Medium green, pointed. **Standard**

**ELEGANT HALO** (G. Boone) Semidouble light pink pansy/darker eye, top petals, thin white frilled edge. Variegated dark green and pink. **Standard**

**ELLA'S APPLE BLOSSOM** (E. Kiesling) Semidouble medium pink two-tone. Variegated green and cream, quilted, scalloped, girl foliage. **Standard**

**ENGLISH BEAUTY** (A. E. Adams) Semidouble orchid/light pink eye, green edge. Variegated medium green and cream, plain. **Miniature**

**EQUINOX** (K. Stork) Semidouble light purple large star/wide white edge. Medium green,

pointed, wavy. **Standard**

\***EVELYN HAAS** (7666) 2/1/92 (Neumann / Hawley) Semidouble lavender shaded star/ purple tips. Medium green, plain. **Large**

**F**

**FANFARE** (A. E. Adams) Single dark mauve. Dark green, plain. **Miniature**

\***FANTASY FLAME** (7624) 11/19/91 (Eyerdom) Semidouble bright coral/blue fantasy. Medium green, pointed, quilted, glossy. **Standard**

**FANTASY FUN** (J. Swift) Lavender frilled/purple fantasy. Dark green. **Standard**

\***FANTASY MAKER** (7574) 11/7/91 (S. Sorano) Semidouble medium pink ruffled star/blue fantasy. Medium green, quilted, serrated. **Standard**

\***FANTASY SPICE** (7625) 11/19/91 (Eyerdom) Double pink/blue fantasy, wide white edge. Medium green, plain, pointed, glossy. **Standard**

**FANTASY WALTZ** (S. Sorano) Semidouble pink star/lavender tinge, orchid fantasy. Dark green. **Standard trailer**

\***FAVORITE CHILD** (7676) 2/28/92 (Cox/B. Johnson) Semidouble white ruffled pansy/medium blue eye, rays, edge. Medium green, plain, quilted. **Standard**

**FLORADORA** (Volkmann) Single-double dark purple star. Plain. **Standard**

**FLORENCE WALKER** (A. Hummer) Double purple ruffled/thin white edge. TL variegated medium green and pink, ruffled. **Large**

**FOSTER SOMETHING** (B. Foster) Double blue-purple frilled large/darker eye, thin purple edged top petals. Variegated, wavy. **Standard**

**FRIEND PHYLLIS** (J. Bell) Double light mauve two-tone/darker tips. Dark green. **Standard**

**FRUIT SALAD** (R. Cox) Double variable peach, pink, and rose. Variegated medium green. **Standard**

**FULL MOON** (S. Sorano) Single-semidouble ivory large star. Variegated dark green, white and pink. **Large**

**G**

**GALAXY** (Volkmann) Light blue star/darker center. Plain. **Standard**

**GAUGIN** (B. Foster) Semidouble bright pink large star/darker eye. Plain, pointed. **Standard**

**GENETIC FUN** (J. Smith) Single-semidouble rose-pink pansy/darker eye, edge. Mosaic variegated two-tone green/some white. **Small standard**

**GENETIC HEIR** (J. Smith) Light rose-pink pansy/ darker wavy edge, some tan. Mosaic variegated bright green and lime. **Standard**

**GERTRUDE MAY EARLE** (J. Bell) Single dark blue/variable think white edge. Dark green. **Standard**

\***HOSTDANCE** (7707) 6/15/92 (K. Stork) Double white ruffled star. Light-medium green, quilted. **Standard**

**GLACIER WHITE** (Volkmann) Single white star. Medium green, plain. **Standard**

**GLENDEL** (B. Foster) Double burgundy-fuchsia. Variegated dark green, quilted. **Standard**

\***GLENNA** (7610) 11/9/91 (D. Harrington) Semidouble rose two-tone ruffled/green-edged upper petals. Medium green, heart-shaped, quilted/red back. **Standard**

**GOIN' DANCING** (D. Harrington) Double lavender-white/darker edge. Medium green. **Standard**

**GRACIE'S GRIN** (B. Foster) Double lavender/pink fantasy. Medium green. **Standard**

**GRAND MASTER** (B. Johnson) Single medium blue sticktite star/variable raspberry edge. Medium green, plain. **Standard**

\***GRANGER'S COLLEEN** (7626) 11/19/91 (Eyerdom) Semidouble vivid red/blue specks, wide white edge. Medium green, plain, pointed, glossy. **Standard**

\***GRANGER'S WHITE PUFF** (7627) 11/19/91 (Eyerdom) Double white. Light green, plain, pointed, quilted. **Standard**

**GRAPE PUNCH** (S. Sorano) Double dark red-purple star/white edge. Medium green, quilted. **Standard**

**GRAPE SPRINKLES** (S. Sorano) Semidouble-double lavender star/darker fantasy. Variegated medium green and white. **Standard**

**H**

\***HAPPY CHRIS** (7690) 5/23/92 (L. Munk) Semidouble red-purple wavy. Dark green, plain, wavy. **Large**

\***HAPPY TRAILS** (7575) 11/7/91 (L. Lyon) Double dark rose-pink star. Medium green, pointed. **Semiminiature trailer**

**HEAVENLY GIRL** (H. Pittman) Double lavender to purple. Variegated, girl foliage. **Semiminiature**

**HEIRLOOM LACE** (S. Sorano) Double white/variable blue marking. Variegated medium green and white. **Standard**

\*HELEN BOYER (7622) 11/18/91 (J. Boyer) Semidouble chimera pink/lavender stripe, purple fantasy. Medium green, quilted, serrated. **Standard**

\*HELLO THERE (7711) 6/15/92 (Stork/Boone) Double bright pink large star/white-green ruffled edge. Dark green, quilted. **Standard**

HI HO (Volkmann) Light purple star. Dark green, quilted. **Standard**

HILDA LEWIS (J. Bell) Single white wavy/green tipped top petals. Medium green. **Small standard**

HOOT OWL (Volkmann) Semidouble light blue star. Plain. **Standard**

HOPE (Volkmann) Double light pink star. Plain. **Standard**

HOT PANTS (S. Sorano) Double bright red star. Medium green, plain. **Standard**

HOT SPRINGS (Volkmann) Single bright rose-pink wavy star. Medium green, quilted. **Standard**

HULA HOOP (Volkmann) Single rose-pink and white star. Plain. **Standard**

### I

ICE FYRE (A. E. Adams) Single white/variable dark rose. Crown variegated, plain. **Miniature**

\*ICICLE ROSE (7670) 2/19/92 (J. Lalanne) Single white sticktite fringed pansy/rose eye, edge. Medium green, plain, glossy. **Standard**

INDIGO VELVET (A. E. Adams) Single dark mauve. Variegated medium green and cream, plain. **Standard**

INTERNATIONAL (B. Johnson) Single-semidouble light pink pansy/wide raspberry edge. Dark green, plain, glossy. **Standard**

\*IRISH DIMPLES (7576) 11/7/91 (S. Sorano) Double coral pink star/green frilled edge. Dark green, wavy. **Miniature**

\*IRISH FLIRT (7577) 11/7/91 (S. Sorano) Double bright green and white frilled star. Medium green, wavy. **Semiminiature**

IRISH FROST (S. Sorano) Semidouble pink wavy star/wide green edge. Variegated medium green, white, occasional pink. **Standard**

IRISH HALO (S. Sorano) Semidouble-double white pansy/green edge. Medium green, wavy. **Standard**

IRISH PARADISE (S. Sorano) Semidouble-double medium pink star/variable orchid fantasy, green-white edge. Medium green, quilted. **Standard**

IRISH SPRITE (S. Sorano) Semidouble medium pink pansy/green-tinged frilled edge. Medium green, wavy. **Semiminiature**

IRISH TREASURE (S. Sorano) Semidouble-double medium to dark pink pansy/green wavy edge. Medium green, wavy. **Standard**

\*IRISH WHISPER (7578) 11/7/91 (S. Sorano) Single-semidouble light pink star/beige overlay, brown-green edge. Dark green, plain, serrated. **Large**

\*ISLE OF SKYE (7697) 6/8/92 (C. Akemann) Double white wavy/pink-tinged eye. Light green, ovate, quilted, pebbled, hairy, serrated. **Standard**

ITZAPEACH (G. Durand) Semidouble peach two-tone star. Dark green, pointed. **Standard**

### J

\*JANET BALLARD (7698) 6/8/92 (C. Akemann) Double lavender wavy/darker veins, white edge. Dark green, pointed, quilted, serrated/red back. **Large**

\*JAZZ IT UP (7691) 5/23/92 (L. Munk) Semidouble magenta wavy/lighter center, rays. Medium-dark green, plain, serrated. **Standard**

JEALOUS HALO (G. Boone) Semidouble pink/green frilled edge. Variegated medium green and cream. **Standard**

\*JEANNETTE'S DREAM (7663) 1/31/92 (Armstrong/Domiano) Double fuchsia ruffled. Dark green, plain, pointed, glossy. **Large**

JETSTREAM (K. Stork) Semidouble-double light blue/white edge. Light green, quilted. **Standard**

JEWEL SONG (A. E. Adams) Double light pink/green edge. Medium green, wavy. **Standard**

JOY MAKER (A. E. Adams) Single rose-pink star/darker eye, green edge. Variegated medium green and cream, quilted. **Miniature**

JOYFUL HALO (G. Boone) Semidouble lavender-pink pansy/fuchsia-rose top petals, banded lower petals, white-green frilled edge. Variegated dark green, pink and cream. **Standard**

\*JUDIE'S PEACH (7671) 2/19/92 (J. Lalanne) Semidouble pale peach pansy/darker mottling, white edge. Medium green, ovate, glossy. **Standard**

### K

\*KANSAS BLIZZARD (7750) 7/30/92 (R. Cox) Single white sticktite ruffled star/some green edge. Medium green, plain, glossy. **Standard**

\***KANSAS CITY LIGHTS** (7751) 7/30/92 (R. Cox) Single medium lavender large star/pink fantasy. Variegated dark green, pink and cream, quilted, glossy/red back. **Large**

**KAYTEE** (B. Foster) Semidouble-double pink/fuchsia glitter band, white frilled edge. Medium green. **Standard**

\***KAZUMI** (7628) 11/19/91 (Eyerdom) Semidouble light pink/red glitter band, white-pink edge. Medium green, plain, pointed, quilted. **Standard**

**KEATON** (B. Foster) Single-semidouble red. Variegated. **Standard**

**KEEP HAPPY** (R. Cox) Double white/some purple edge. Variegated dark green. **Standard**

\***KEIKO** (7629) 11/19/91 (Eyerdom) Single chimera pink/blue fantasy stripe. Light green, plain, pointed, quilted, glossy. **Standard**

**KIMBERLY MAY** (J. Bell) Pink large wavy star/darker eye. Medium green. **Standard**

\***KISSAWAY TRAIL** (7664) 1/31/92 (Armstrong/Domiano) Double light fuchsia star. Medium green, serrated. **Semiminiature trailer**

**KITTY CAT** (B. Foster) Double rose-pink large/purple fantasy. Dark green, serrated. **Standard**

**KOPY KAT** (S. Sorano) Semidouble lavender pansy. Medium-dark green. **Miniature**

**L**

**LATIN LACE** (J. Swift) Double fuchsia mottled/wide white frilled edge. Medium green, plain. **Standard**

**LAUGHING ANNA** (B. Foster) Semidouble pink/fuchsia fantasy edge. Dark green. **Standard**

**LAUGHING TEEN** (H. Pittman) Double white, blue and green. Emerald green, plain. **Miniature**

**LAURETTA** (A. E. Adams) Single pink large. Olive green. **Standard**

**LAVENDER ICE** (M. Burns) Semidouble-double lavender frilled star/plum fantasy. Dark green, glossy. **Large**

**LAVENDER RAIN** (M. Burns) Semidouble-double light lavender frilled star/darker fantasy. Dark green. **Large**

**LIBERTY** (Volkmann) Semidouble bright red-purple. Plain. **Standard**

**LIL RUN AROUND** (S. Sorano) Double white and/or pink variable pansy. Medium green, ovate. **Miniature trailer**

**LINDA BEE** (B. Foster) Semidouble dark pink/purple fantasy, fuchsia wavy edge. Medium green, quilted, serrated. **Standard**

\***LITTLE BEACON** (7579) 11/7/91 (S. Sorano) Semidouble ivory pansy. Dark green, plain, quilted. **Semiminiature**

\***LITTLE CHIPPERY TRAIL** (7665) 1/31/92 (Armstrong/Domiano) Double dark fuchsia star. Medium green, pointed. **Miniature trailer**

**LITTLE PINK CLOUDS** (H. Pittman) Double pink. Variegated. **Miniature**

**LITTLE PURPLE CLOUDS** (H. Pittman) Semidouble bright purple/white edge. Variegated. **Semiminiature**

\***LOCHLEVEN** (7699) 6/8/92 (C. Akemann) Semidouble light lavender/white ruffled edge. Dark green, pointed, quilted, serrated/red back. **Standard**

**LONELY HEART** (J. Swift) Double dark rose/white frilled edge. Medium green, ruffled. **Standard**

\***LOUISE CONSTANT** (7542) 8/7/91 (Violets on the Bayou AVS/Domiano) Semidouble dark pink two-tone star/darker edge. Dark green, quilted, wavy/red back. **Standard**

\***LOVE APPLE** (7752) 7/30/92 (R. Cox) Semidouble dark coral ruffled star. Variegated medium green and cream, glossy, wavy, serrated. **Standard**

**LOVE DOTS** (H. Pittman) Double pink/white tips. Variegated dark green. **Semiminiature**

**LUCKY CHARM** (Volkmann) Light blue large star. Plain. **Standard**

\***LUCKY HALO** (7712) 6/15/92 (Stork/Boone) Semidouble orchid-pink two-tone pansy. Variegated medium green and cream, plain. **Standard**

**LUSCIOUS LIPS** (J. Swift) Double pink/bright fuchsia edge. Dark green/red back. **Standard**

**LUSTY LADY** (G. Durand) Double orchid-pink large star. Dark green, scalloped. **Standard**

**LYON'S BLUE MONDAY** (S. Sorano) Double medium blue large wavy star. Medium-dark green. **Large**

\***LYON'S CHERRY KISS** (7580) 11/7/91 (S. Sorano) Single fuchsia stickite pansy. TL variegated medium green and white, plain, quilted. **Standard**

\***LYON'S COUNTRY MOONLIGHT** (7581) 11/7/91 (S. Sorano) Semidouble light pink ruffled star/some darker edge, tips. Dark green, quilted/red back. **Large**

\***LYON'S FANCY PANTS** (7582) 11/7/91 (S. Sorano) Double medium pink star. Medium green, quilted, serrated. **Standard**

green, plain. Large

\*LYON'S PINK CRYSTAL (7583) 11/7/91 (S. Sorano) Double pink ruffled star. Dark green, quilted. Large

**M**

MAC'S MISCHIEF (B. Foster) Double purple. Variegated. Standard

\*MAGENTA MOON (7584) 11/7/91 (S. Sorano) Semidouble dark magenta wavy star. Dark green, plain/red back. Large

MAKE BELIEVE (Volkmann) Double rose-pink wavy large. Dark green. Standard

\*MAMA'S JOLLY JOKER (7753) 7/30/92 (R. Cox) Semidouble medium peach frilled star/darker eye, rays. Variegated dark green and cream, quilted, glossy, serrated. Standard

\*MARGERY'S MELODY (7704) 6/13/92 (B. Foster) Double red-purple pansy. Variegated green and white, quilted, wavy. Standard

\*MARIE'S BODEGA BAY (7614) 11/16/91 (M. Beeman) Double medium-light blue large wavy star. TL variegated dark green, cream and pink, pointed, serrated. Standard

\*MARIE'S BODEGA BREEZE (7615) 11/16/91 (M. Beeman) Double pink ruffled star/blue fantasy. TL variegated dark green, tan and pink, plain, hairy/rose back. Standard

\*MARIE'S BODEGA DAWN (7616) 11/16/91 (M. Beeman) Semidouble pink bell/blue fantasy, pale lavender overlay and thin edge. TL variegated dark green, ivory and pink, plain, ovate. Standard

\*MARIE'S BODEGA DREAMIN' (7617) 11/16/91 (M. Beeman) Semidouble-double pink ruffled/blue fantasy. TL variegated dark green and ivory, wavy/rose back. Large

\*MARIE'S BODEGA JETTY (7618) 11/16/91 (M. Beeman) Double mahogany ruffled star/black tips. TL variegated dark green, rose and cream, wavy/rose back. Large

\*MARIE'S BODEGA SANDS (7619) 11/16/91 (M. Beeman) Double bright pink star/some green edge. TL variegated dark green, pink and cream, glossy, hairy, wavy. Large

\*MARIE'S BODEGA SHORES (7620) 11/16/91 (M. Beeman) Double light pink pansy/darker ruffled edge. TL variegated dark green and rose, quilted, hairy. Large

MARIE'S BODEGA WATERCOLOR (M. Beeman) Double pink, rose and white mottled. Variegated dark green, ivory and rose, wavy. Standard

dard

MARIE'S COLLEEN SUE (M. Beeman) Semidouble rose-pink large/red tips, thin edge. Variegated dark green, rose and cream, quilted, wavy, serrated. Standard

\*MARIE'S FORGOTTEN LOVE (7621) 11/16/91 (M. Beeman) Single orchid sticktite star/dark purple frilled edge. TL variegated dark green, cream and rose, semi-holly. Large

MARIE'S LADY BETH (M. Beeman) Semidouble peach-pink. Variegated dark green, ivory and rose, wavy, serrated. Standard

MARIE'S PINK BOUQUET (M. Beeman) Double pink. Variegated green, pink and white, serrated, girl foliage. Standard

MARIE'S SIR BYRON (M. Beeman) Double fuchsia/near-black top petals. Variegated dark green and ivory. Standard

MARIE'S TOPSY TURVY (M. Beeman) Double fuchsia. Variegated dark green, cream and rose, wavy, serrated, girl foliage. Standard

MARIE'S WIND TRIPPER (M. Beeman) Single-semidouble pink. Variegated dark green and cream, wavy, girl foliage. Standard

MARTHA'S MAGIC (B. Foster) Double medium pink. Dark green, quilted. Standard

MARY HEFNER (B. Foster) Double dark purple. Variegated. Standard

MIDNIGHT FLAME (B. Johnson) Semidouble medium-dark purple pansy/variable raspberry edge. Dark green. Standard

MIDNIGHT MODEL (A. E. Adams) Single dark violet. Variegated olive green and cream, girl foliage. Miniature

MIDNIGHT VALENTINE (S. Sorano) Double dark red large star/white edge. Medium green, quilted. Standard

MIDNIGHT WALTZ (S. Sorano) Double dark purple pansy. Dark green, ovate. Semiminiature trailer

MIKINDA GIRL (A. E. Adams) Single cerise. Crown variegated green and cream, girl foliage. Miniature

MILKY WAY (Volkmann) Single white wavy star. Medium green, wavy. Standard

MINDI BLUE (G. Boone) Semidouble-double dark blue large star. Variegated dark green and cream, plain. Standard

\*MINDI MORN (7713) 6/15/92 (Stork/Boone) Semidouble-double bright pink wavy pansy. Variegated dark green and pink, plain/red back. Large

**MINDI'S TEARS** (G. Boone) Semidouble-double light to medium blue two-tone. Variegated dark green, pink and cream. **Large**

**MISTER SUN** (J. Swift) Fuchsia/white frilled edge. Medium green, ruffled. **Standard**

\***MISTY MOOD** (7700) 6/8/92 (C. Akemann) Semidouble white wavy/pink blush. Light green, ovate, quilted, pebbled, glossy, serrated. **Standard**

**MONCTON'S CENTENNIAL TRAIL** (J. Bell) Dark magenta-pink star/lighter rays. Variegated green, pink and white. **Standard trailer**

\***MOOD CHANGER** (7701) 6/8/92 (C. Akemann) Semidouble blue and white shaded frilled star/blue eye, edge. Medium green, ovate, quilted, wavy, serrated. **Standard**

**MOOD MUSIC** (G. Durand) Single violet two-tone. Olive-green, quilted. **Standard**

**MOON RAYS** (A. E. Adams) Semidouble lavender/darker rays, white edge. Variegated medium green and cream, plain. **Miniature**

**MY MOLLY** (B. Foster) Semidouble pink/darker eye, purple fantasy, white edge. Medium green, longifolia. **Semiminiature trailer**

## N

**NATALIA'S BABETTE BARDO** (N. Pineault) Semidouble-double fuchsia-purple/darker edge, top petals. Variegated dark green and cream.

**NATALIA'S CANDIED POPCORN** (N. Pineault) Double white/pink blush. Dark green. **Semiminiature trailer**

\***NATCHURLY NAWLINS** (7723) 7/6/92 (Armstrong/Domiano) Semidouble white large ruffled star/purple-red eye, edge. Variegated medium green and white, wavy. **Large**

\***NESS' ANGEL WINGS** (7641) 11/26/91 (D. Ness) Single white sticktite pansy/pink eye. Dark green, pointed, quilted, serrated/red back. **Standard**

\***NESS' CLASSI CHASSI** (7642) 11/26/91 (D. Ness) Semidouble chimera red pansy/white stripe. Light green, plain. **Semiminiature**

\***NESS' DISCO BELLE** (7643) 11/26/91 (D. Ness) Semidouble burgundy two-tone ruffled pansy/darker upper petals, edge. Dark green, plain, glossy, scalloped/red back. **Standard**

\***NESS' FROSTY BELLE** (7644) 11/26/91 (D. Ness) Double wine two-tone. Variegated dark green, cream and pink, quilted/red back. **Semiminiature**

\***NESS' LUCKY FRECKLES** (7645) 11/26/91 (D. Ness) Semidouble light pink ruffled pansy/blue fantasy at edge. Medium green, quilted. **Standard**

\***NESS' MIDNIGHT FANTASY** (7646) 11/26/91 (D. Ness) Semidouble light pink large star/blue fantasy. Dark green, pointed, quilted/red back. **Standard**

\***NESS' MINI SOTA** (7647) 11/26/91 (D. Ness) Single chimera white sticktite pansy/fuchsia stripe. Light green, plain. **Semiminiature**

\***NESS' MISTY BLUE** (7648) 11/26/91 (D. Ness) Double light blue/pale blue edge. Dark green, pointed, quilted, serrated/red back. **Standard**

\***NESS' RED EXPRESS** (7649) 11/26/91 (D. Ness) Double red. Dark green, pointed, quilted/red back. **Semiminiature**

\***NESS' SHADY LADY** (7650) 11/26/91 (D. Ness) Semidouble-double fuchsia-red large ruffled star. Medium green, quilted, serrated/red back. **Standard**

\***NESS' SWEET PEA** (7651) 11/26/91 (D. Ness) Semidouble white and light pink pansy. TL variegated light green and cream, quilted. **Semiminiature**

**NEW PRAGUE** (D. Harrington) Single orchid sticktite/yellow-green edge. Medium green. **Small standard**

\***NICE TRY** (7754) 7/30/92 (R. Cox) Single medium lavender large ruffled pansy/darker eye, veins. Variegated dark green, pink and cream, quilted, glossy, serrated. **Large**

\***NIGHT SECRETS** (7585) 11/7/91 (S. Sorano) Single-semidouble medium blue large ruffled star. Dark green, plain, wavy/red back. **Standard**

**NIGHTSHADES** (R. Cox) Double lavender two-tone/dark purple edge. Variegated medium green and cream. **Standard**

\***NITE BLOOMERS** (7546) 8/21/91 (B. Elkin) Double dark fuchsia shaded star/darker tips, dark rose ruffled edge. Medium green, pointed, ruffled. **Standard**

**NORTH STAR TRAIL** (D. Harrington) Single-semidouble violet. Medium green. **Semiminiature trailer**

\***NUMERO UNO** (7683) 4/23/92 (D. O'Sullivan) Semidouble-double pink two-tone frilled/darker top petals. Dark green, plain/red back. **Large**

**O**

OCEAN EYES (M. Burns) Single-semidouble medium blue star/darker eye, white-green wavy edge. Dark green, heart-shaped, glossy. Large

\*OCEAN MOTION (7724) 7/6/92 (Armstrong/Domiano) Semidouble blue and white pansy. Variegated medium green and white, ovate, wavy. Standard

\*ODE TO BEAUTY (7677) 2/28/92 (Cox/B. Johnson) Semidouble medium coral star/thin raspberry band, white edge. Dark green, plain, quilted. Large

\*OHIO HERITAGE (7755) 7/30/92 (R. Cox) Single pink two-tone pansy. Variegated dark green, pink and cream, quilted, glossy. Standard

OLD MASTER (Volkmann) Purple large star. Dark green, quilted. Standard

\*ORCHID FROST (7630) 11/19/91 (Eyerdom) Double lavender-orchid/darker edge. Dark green, pointed, quilted. Standard

ORCHID PUFF (J. Swift) Double orchid fantasy large/white edge. Medium green. Standard

\*OUI DO (7547) 8/21/91 (B. Elkin) Single chimera white star/pale pink stripe. Light-medium green, plain, pointed. Miniature

\*OUI YVONNE (7548) 8/21/91 (B. Elkin) Single chimera ivory star/pale rose stripe. Dark green, plain, pointed, hairy. Miniature

OUTRAGEOUS (J. Swift) Lavender star/lighter fantasy marking, wine edge. Medium green, plain. Standard

OZIO (B. Foster) Double pink/purple fantasy, fuchsia frilled edge. Dark green, quilted, serrated. Standard

**P**

PAPER DOLL (E. Kiesling) Single-semidouble dark pink fringed. Dark green, round, glossy/red back. Small standard

\*PARADISE HALO (7714) 6/15/92 (Stork/Boone) Double fuchsia-red pansy/variable thin white edge. Variegated dark green, cream and pink, plain, pointed. Standard

PARTRIDGE ISLAND (J. Bell) White star/dogwood tips. Medium green. Standard

\*PARTY PRINT (7553) 9/19/91 (M. Burns) Semidouble-double pink ruffled star/lavender-blue fantasy. Medium-dark green, heart-shaped, quilted, glossy/maroon back. Large

\*PARTY TOY (7586) 11/7/91 (S. Sorano) Single-semidouble chimera medium pink/dark blue strip, fantasy. TL variegated medium green and

white, plain, quilted. Semiminiature

\*PASSION PURRFECT (7587) 11/7/91 (S. Sorano) Semidouble-double orchid large wavy star/dark red-purple tips. TL variegated dark green, cream and pink, plain, wavy. Large

PASTEL PARASOL (J. Swift) Semidouble pink star/white frilled edge. Light green, plain. Standard

PAULA'S PET (B. Foster) Double bright pink frilled. Dark green. Standard

PEARLY BUTTONS (A. E. Adams) Double white. Dark green, plain. Miniature

PEARLY PRINCESS (A. E. Adams) Semidouble light pink. Medium green, plain. Miniature

\*PENSI CLASSIC (7668) 2/19/92 (G. Starr) Double light pink star/darker tips. Mosaic variegated medium green and pink, quilted/red back. Large

\*PEPPERMINT KISS (7588) 11/7/91 (S. Sorano) Semidouble white wavy pansy/fuchsia markings at edge. TL variegated medium green and white, plain, quilted, serrated. Standard

PEPPY PURPLE (J. Swift) Double lavender and purple/white edge. Medium green, plain. Standard

PERKY POLLY (A. E. Adams) Single rose-mauve star/thin white edge. Variegated dark green and cream, plain. Miniature

PETITE BLANCHE (A. E. Adams) Semidouble white. Medium green, plain. Miniature

PETITE COQUETTE (A. E. Adams) Single pink frilled/darker eye. Variegated medium green and cream, wavy, serrated. Semiminiature

PETITE MAM'SELLE (A. E. Adams) Single rose-lavender/darker eye, rays. Variegated dark green and pink, plain. Miniature

\*PHOTO FINISH (7715) 6/15/92 (Stork/Boone) Semidouble white ruffled pansy/light purple center, edge. Light green, plain. Standard

PINK CRYSTAL (S. Sorano) Semidouble-double pink star/darker center. Medium-dark green. Large

PINK LOCKET (S. Sorano) Semidouble medium pink pansy. Variegated medium green, pink and white. Miniature

PINK MORN (Volkmann) Semidouble bright pink large wavy star. Plain. Standard

\*PINK RUMBA (7589) 11/7/91 (S. Sorano) Single-semidouble light pink ruffled pansy/hot pink tips, touched with white. Medium green, plain, serrated. Standard

PIXIE CHARMER (A. E. Adams) Double light pink

two-tone. Variegated medium green and pink, girl foliage. Miniature

**PIXIE GLEN** (A. E. Adams) Semidouble pink two-tone/rays. Variegated medium green and pink, serrated, girl foliage. Miniature

**PIXIE PEARL** (A. E. Adams) Semidouble pink two-tone. Variegated medium green/some cream. Miniature

\***PIXIE PINK** (2599) 9/16/74 (L. Lyon) Single light pink/rose eye. Plain, ovate. Miniature trailer

**PIXIE SHOW-OFF** (S. Sorano) Double white pansy/variable blue blush. Medium green, ovate, glossy. Semiminiature

**PLAY GIRL** (Volkmann) Semidouble light pink/darker eye. Medium green, quilted. Standard

**PLAY TIME** (Volkmann) Single pink large star. Plain. Standard

**PLEASING GAL** (A. E. Adams) Semidouble bright red. Variegated medium green and cream, girl foliage. Miniature

\***PONY RIDE** (7590) 11/7/91 (S. Sorano) Single chimera medium blue bell/white stripe. Medium green, plain, quilted. Miniature trailer

\***POWWOW** (7708) 6/15/92 (K. Stork) Semidouble red pansy. Variegated green and cream, plain. Standard

\***PRANCING PONY** (7591) 11/7/91 (S. Sorano) Double dark pink pansy/dark blue fantasy. Medium green, plain, quilted. Semiminiature

**PRETTY BIRD** (D. Harrington) Double lavender/darker eye. Medium green. Standard

**PRIMA PINK** (Volkmann) Light pink large ruffled star. Plain. Standard

**PRINCESS** (M. Burns) Semidouble hot pink/darker center. Variegated dark green, some pink. Large

**PROM DATE** (Volkmann) Single light pink star. Plain. Standard

**PROUD PEACOCK** (J. Swift) Semidouble dark fuchsia large star. Dark green. Standard

\***PURPLE FROST** (7631) 11/19/91 (Eyerdom) Semidouble dark purple/white ruffled edge. Medium green, glossy, ruffled. Standard

**Q**

\***QUIET DREAMS** (7549) 8/21/91 (B. Elkin) Semidouble white star/lavender markings. TL variegated medium green and white, pointed. Miniature

**R**

\***RAIN MAN** (7554) 9/19/91 (M. Burns) Semi-double dark blue large star/wide white-green edge. Dark green, quilted, glossy/maroon back. Large

\***RAPID TRANSIT** (7716) 6/15/92 (Stork/Boone) Semidouble medium blue pansy/wide white-green edge. Dark green, plain, pointed/red back. Standard

**RARE JEWEL** (A. E. Adams) Semidouble red-mauve two-tone. Variegated dark green and cream, quilted. Semiminiature

\***RASPBERRY CRISP** (7678) 2/28/92 (Cox/B. Johnson) Semidouble light pink pansy/raspberry ruffled edge. Dark green, quilted, scalloped. Standard

\***RASPBERRY DAZZLE** (7592) 11/7/91 (S. Sorano) Semidouble magenta wavy star. Light green, plain, quilted. Standard

**RASPBERRY DELIGHT** (A. E. Adams) Single pink two-tone star/thin red edge. Variegated medium green and cream, plain. Miniature

\***RASPBERRY FROST** (7632) 11/19/91 (Eyerdom) Semidouble medium pink/wide raspberry edge. Medium green, plain, pointed, quilted. Standard

\***RASPBERRY GLO** (7633) 11/19/91 (Eyerdom) Double pink/raspberry fantasy, wide white edge. Medium green, pointed, quilted. Standard

\***RASPBERRY HALO** (7634) 11/19/91 (Eyerdom) Semidouble dark pink/red and blue fantasy. Dark green, pointed, quilted, glossy. Standard

\***RASPBERRY MIST** (7635) 11/19/91 (Eyerdom) Double pink/dark pink-orchid glitter shading. Medium green, plain, pointed, glossy. Standard

\***RAVISHED ROSE** (7725) 7/6/92 (Armstrong/Domiano) Double red shaded frilled star. Dark green, pointed, serrated. Large

\***RAY'S DELIGHT** (7660) 1/24/92 (R. Britton) Single fuchsia rayed/some fine white edge. Medium green, plain. Standard

\***RED ADMIRAL** (7636) 11/19/91 (Eyerdom) Semidouble vivid red. Light green, plain, pointed, glossy. Standard

\***RED-HEADED KATE** (7756) 7/30/92 (R. Cox) Semidouble dark red star. Variegated medium green and cream, plain, glossy. Standard

\***RIO BRAVO** (7637) 11/19/91 (Eyerdom) Semidouble white large/bright red eye. Light green, plain, pointed, glossy. Standard

\***ROB'S ANGELIE** (7557) 10/28/91 (R. Robinson) Double white frilled/rose-pink shading, edge. Medium green, glossy. Miniature

\*ROB'S AVIS WINNIE (7727) 7/6/92 (R. Robinson) Double dark burgundy/thin white frilled edge. Variegated dark green and white, pointed, ruffled, serrated. **Semiminiature**

\*ROB'S BEDAZZLED (6470) 1/27/87 (R. Robinson) Double lavender-mauve/white edge. TL variegated medium-dark green, pointed, serrated/dark red back. **Semiminiature**

\*ROB'S BEE BOOPSIE (7728) 7/6/92 (R. Robinson) Semidouble medium-dark purple frilled/darker eye. Variegated medium green and white, pointed, ruffled, serrated. **Miniature**

\*ROB'S BLUE KAZOO (7729) 7/6/92 (R. Robinson) Semidouble lavender-mauve frilled/darker tips, variable thin white edge. Variegated dark green and white, serrated/red back. **Semiminiature**

\*ROB'S CRAZY KILT (7730) 7/6/92 (R. Robinson) Semidouble chimera medium purple frilled pansy/white stripe, blue side markings. Variegated medium green and white, quilted, hairy, serrated. **Semiminiature**

\*ROB'S DANDY LION (7731) 7/6/92 (R. Robinson) Semidouble silver-white shaded large bell. Variegated black-green and white, quilted. **Semiminiature**

\*ROB'S DENIM DEMON (7558) 10/28/91 (R. Robinson) Double dark blue. Crown variegated dark green, gold and tan, quilted, pebbled, glossy. **Semiminiature**

\*ROB'S DUST STORM (7732) 7/6/92 (R. Robinson) Double bright pink pansy/blue fantasy. Dark green, pointed, quilted, serrated. **Semiminiature**

\*ROB'S GAL VIKKI (7559) 10/28/91 (R. Robinson) Double white/rose-purple frosted edge. Medium green, quilted, serrated. **Semiminiature**

\*ROB'S GRAY GHOST (7733) 7/6/92 (R. Robinson) Single-semidouble white pansy. Variegated black-green and white, quilted/red back. **Semiminiature**

\*ROB'S HALF MOON (7734) 7/6/92 (R. Robinson) Semidouble white pansy/wide dark pink edge. Crown variegated medium green, white and yellow, pointed, quilted, glossy. **Semiminiature**

\*ROB'S HOT CHOCOLATE (7735) 7/6/92 (R. Robinson) Semidouble dark pink frilled. Black-green, wavy/red back. **Semiminiature**

\*ROB'S ICE MAIDEN (7736) 7/6/92 (R. Robinson) Semidouble pale silver-lavender/darker fantasy. Variegated dark green and white, quilted. **Semiminiature**

\*ROB'S IRIDIUM QUEEN (7737) 7/6/92 (R. Robinson) Double white large star/wide dark red edge. Medium green, pointed, quilted, hairy, serrated. **Semiminiature**

\*ROB'S JEE JIM (7560) 10/28/91 (R. Robinson) Semidouble mauve-purple two-tone/darker tips, some thin white edge. TL variegated medium green and white, quilted, scalloped, girl foliage. **Semiminiature**

\*ROB'S LUCKY STROKE (7561) 10/28/91 (R. Robinson) Semidouble chimera dark pink/white stripe. Medium green, quilted, hairy, serrated. **Semiminiature**

\*ROB'S MATCH POINT (7738) 7/6/92 (R. Robinson) Double white star/wide medium blue edge. Medium green, pointed, quilted, serrated. **Semiminiature**

\*ROB'S MOON CRITTER (7739) 7/6/92 (R. Robinson) Single white large star/blue-speckled pink edge. Crown variegated medium green and white, pointed, quilted, hairy, serrated. **Semiminiature**

\*ROB'S PEWTER BELLS (7740) 7/6/92 (R. Robinson) Semidouble silver-light blue large bell. Variegated dark green and white, pointed, quilted. **Semiminiature**

\*ROB'S PINK FIZZ (7562) 10/28/91 (R. Robinson) Semidouble dark pink pansy/dark rose fantasy. TL variegated black-green and pink, plain, pointed/red back. **Semiminiature**

\*ROB'S PINK PRISMS (7741) 7/6/92 (R. Robinson) Semidouble pale pink/rose-lavender fantasy, rose band, thin white edge. Variegated dark green, white and light pink, pointed, glossy. **Semiminiature**

\*ROB'S PUDDY CAT (7563) 10/28/91 (R. Robinson) Double creamy white to light pink frilled. Dark green, quilted, serrated. **Semiminiature**

\*ROB'S SILVER SPOOK (7174) 8/29/89 (R. Robinson) Semidouble white and light lavender. Crown variegated medium green, pointed. **Semiminiature**

\*ROB'S SMOKE RINGS (7742) 7/6/92 (R. Robinson) Double white large star/dark pink edge. Medium green, pointed, quilted, hairy, serrated. **Semiminiature**

\*ROB'S SUNSPOT (7564) 10/28/91 (R. Robinson) Double white large star/bright red mottling. Medium green, pointed, quilted, hairy, serrated. **Semiminiature**

\*ROB'S SWEET DREAMS (7565) 10/28/91 (R. Robinson) Semidouble light peach-pink pansy.

Black-green, quilted, glossy/red back. Semiminiature

\*ROB'S TWINKLE TOES (7566) 10/28/91 (R. Robinson) Semidouble mauve/some darker tips. TL variegated dark green, white and light pink, quilted/red back. Semiminiature

\*ROB'S VANILLA PINK (7175) 8/29/89 (R. Robinson) Semidouble dark rose-pink pansy. Crown variegated medium-dark green, pointed, heart-shaped, serrated. Miniature

\*ROB'S WHATEVER (7567) 10/28/91 (R. Robinson) Semidouble chimera white/dark red stripe. Dark green, pointed, quilted, hairy, serrated/red back. Semiminiature

\*ROB'S WHITE OUT (7568) 10/28/91 (R. Robinson) Double white large star. Medium green, plain. Miniature

\*ROB'S ZINFANDEL (7743) 7/6/92 (R. Robinson) Semidouble dark burgundy-red frilled. Variegated black-green and white, pointed, quilted, ruffled, serrated/red back. Semiminiature

ROSALIE (A. E. Adams) Semidouble dark rose/rays. Variegated dark green and pink, plain. Miniature

\*ROSE BUTTERFLY (7611) 11/9/91 (D. Harrington) Single pink ruffled/darker eye, green-edged upper petals. Dark green, quilted, wavy. Standard

ROSE MIST (S. Sorano) Double dark rose-pink star/dark red-coral overlay, white edge. Medium green, quilted. Large

ROSEMARIE (Volkmann) Single rose-pink star/darker center. Plain. Standard

ROSY DIMPLES (S. Sorano) Single-semidouble medium pink pansy/darker glitter eye. Variegated medium green and white. Semiminiature

ROYALE (Volkmann) Purple large star/darker center. Dark green, quilted. Standard

\*RUBY TUESDAY (7638) 11/19/91 (Eyerdom) Double medium red. Medium green, plain, pointed, quilted, glossy. Standard

\*RUFFLED SKIES (7717) 6/15/92 (Stork/Boone) Double medium blue star/white ruffled edge. Dark green, quilted. Standard

RUM PUNCH (S. Sorano) Semidouble-double medium pink star/mauve tips. Dark green. Standard

S

\*SASSY SHIRLEY (7682) 3/6/92 (H. Pittman) Semidouble lavender-purple shaded. TL vari- egated medium green, plain. Semiminiature

\*SATIN WINE (7593) 11/7/91 (S. Sorano) Semi-double dark wine wavy star. Dark green, plain. Standard

SATSUMA (A. E. Adams) Single dark rose-violet star/white-tinged tips. Variegated medium green and cream, plain. Miniature

SCANDAL (S. Sorano) Semidouble dark orchid large star/near-black tips, some green tinge, white edge. Medium green, quilted. Standard

SEA RAINBOW (J. Swift) Fuchsia and lavender fantasy star. Dark green/red back. Standard

SEBASTIAN (B. Foster) Single pink star/rose eye, some purple fantasy. Tailored. Standard

\*SHADES OF AUTUMN (7594) 11/7/91 (S. Sorano) Single-semidouble medium pink ruffled pansy/pale mauve center. TL variegated medium green and cream, plain, wavy, serrated. Large

SHAN (B. Johnson) Double dark blue-purple/white edge. Black-green, pointed. Miniature

\*SHARI LOU (7702) 6/8/92 (C. Akemann) Semi-double-double rose-orchid wavy/darker eye. Light green, ovate, quilted, serrated. Large

\*SHIMMER FROST (7595) 11/7/91 (S. Sorano) Semidouble white frilled star/faint lavender-blue and green markings at edge. Medium green, plain, wavy. Standard

SHIRLEY'S AMBER QUEEN (S. Reynolds) Semi-double-double pink. Medium green. Semiminiature

SHIRLEY'S LITTLE K-DEE (S. Reynolds) Single light pink. Variegated light green and cream. Miniature

SHIRLEY'S MY TRUDY (S. Reynolds) Double dusty rose/darker top petals. Variegated medium green and pink. Miniature

\*SILK 'N' HONEY (7596) 11/7/91 (S. Sorano) Semi-double white ruffled pansy/pink markings at edge. TL variegated medium green and white, plain. Standard

\*SILKSCREEN (7709) 6/15/92 (K. Stork) Single-semidouble white pansy/light blue center, veins. Light-medium green, plain. Large

SILLY WILLY (B. Foster) Fuchsia frilled/purple fantasy, green edge on top petals. Variegated, wavy, serrated. Standard

\*SILVER (4911) 7/28/82 (R. Nadeau) Semidouble white star/variable pink or red spots. Plain, quilted. Standard

SILVER HOLLY (J. Swift) Fuchsia mottled two-tone/white-green edge. Medium green, plain.

**Standard**

**SIMPLY ROMANTIC** (B. Johnson) Light rose-pink wavy sticktite star. Light green. **Standard**

**\*SIR RODERIC** (7669) 2/19/92 (G. Starr) Double dark fuchsia-red fringed large star/darker veins. Dark green, quilted/red back. **Large**

**SMOKEY BLUE** (Volkmann) Light blue large star. Plain. **Standard**

**\*SMOKEY MOON** (7597) 11/7/91 (S. Sorano) Semi-double light lavender wavy pansy/dark green markings on tips and/or edge. Medium green, wavy. **Standard**

**\*SMOKEY ROSE** (7598) 11/7/91 (S. Sorano) Semi-double dark mauve wavy star. Light green, plain, ovate, quilted. **Large**

**SNODANCE** (A. E. Adams) Semidouble white. Variegated medium green and cream. **Standard**

**SNOOKUMS** (S. Sorano) Semidouble pink and white variable star. Variegated medium green and white. **Miniature**

**\*SNOWED IN** (7757) 7/30/92 (R. Cox) Double pink and white star/some green edge. Variegated dark green and cream, quilted, glossy. **Large**

**\*SNUGGLES BIG EYES** (7599) 11/7/91 (S. Sorano) Double white pansy/blue-purple blushed center. TL variegated medium green and white, quilted, serrated. **Semiminiature**

**SNUGGLES BLUE ANGEL** (S. Sorano) Semi-double lavender-blue pansy. Variegated dark green, white and pink, girl foliage. **Semiminiature**

**\*SNUGGLES BLUSHING DOLL** (7600) 11/7/91 (S. Sorano) Double white star/fuchsia two-tone blushed center. TL variegated light green and white, plain, quilted. **Semiminiature**

**\*SNUGGLES BUSY BEE** (7601) 11/7/91 (S. Sorano) Semidouble fuchsia pansy. TL variegated medium green and white, quilted. **Semiminiature**

**\*SNUGGLES LADY DAWN** (7602) 11/7/91 (S. Sorano) Semidouble pink star/mauve markings on tips. TL variegated medium green and white, heart-shaped, serrated, girl foliage. **Semiminiature**

**\*SNUGGLES LITTLE GIRL** (7603) 11/7/91 (S. Sorano) Double pink two-tone pansy/white ruffled edge. TL variegated medium green, white and pink, ovate, girl foliage. **Semiminiature**

**\*SNUGGLES RISING STAR** (7604) 11/7/91 (S. Sorano) Semidouble light pink star/rose-pink glitter overlay, pink-white wavy edge. TL variegated medium green and white, plain. **Semiminiature**

**iniature**

**SO CHARMING** (A. E. Adams) Single pink star/darker rayed center. Variegated medium green and cream, quilted. **Miniature**

**SO RARE** (J. Swift) Wine and purple/some fantasy, lighter frilled edge. Medium green, plain. **Standard**

**SOFT GLEAM** (J. Swift) Double lavender/purple fantasy, white frilled edge. Medium green, ruffled. **Standard**

**SOFT TOUCH** (H. Pittman) Semidouble light pink. Variegated. **Semiminiature**

**\*SONG OF SUMMER** (7653) 1/9/92 (N. Johnston) Single-semidouble rose-pink pansy/darker center. TL variegated dark green and rose, quilted, pebbled. **Miniature**

**SONOMA BLUES** (B. Borck) Semidouble medium blue large fluted star. Dark green, quilted, serrated. **Standard**

**SONOMA DOUBLE-UP** (B. Borck) Double blue star/white fantasy. Variegated dark green, pink and ivory, ruffled. **Standard**

**SONOMA ESTHER** (B. Borck) Semidouble burgundy large fluted star/fuchsia fantasy, thin purple band, variable white edge. Dark green, quilted, serrated. **Standard**

**SONOMA GRANDMA ROSE** (B. Borck) Semi-double light pink pansy/blue fantasy. Variegated dark green and pink, serrated/red back. **Standard**

**SONOMA HEATH** (B. Borck) Semidouble-double medium blue star/white markings. Variegated dark green and pink. **Standard**

**SONOMA HEATHER** (B. Borck) Semidouble pink large star. Variegated dark green and pink/red back. **Standard**

**SONOMA LICKETY-SPLIT** (B. Borck) Semi-double-double pink large/purple fantasy. Variegated dark green, pink, cream and white, heart-shaped, serrated. **Standard**

**SONOMA RUFFLED RUDY** (B. Borck) Semi-double-double blue ruffled star/white fantasy. Variegated dark green and ivory. **Standard**

**SONOMA SENSEI** (B. Borck) Semidouble purple-blue fluted large. Variegated dark green and pink, longifolia, ruffled, serrated. **Standard**

**SONOMA SHERMAN** (B. Borck) Semidouble dark blue-purple pansy/hot pink fantasy. Variegated dark green and ivory, plain. **Standard**

**SONOMA SNOWCONE** (B. Borck) Double white and medium blue mottled. Medium green, quilted, serrated. **Standard**

**SONOMA SOLOMON** (B. Borck) Semidouble violet-blue pansy/rose fantasy, thin purple edge. Dark green, quilted, serrated. Standard

**SONOMA STARRY SHOWERS** (B. Borck) Semidouble blue-violet large star/white to lavender-pink fantasy. Variegated dark green and ivory, heart-shaped. Standard

\***SOUTHERN BEAUTY** (7692) 5/23/92 (L. Munk) Semidouble coral pink shaded. Medium green, plain, ruffled. Standard

\***SPRING MIST** (7605) 11/7/91 (S. Sorano) Double light lavender-blue star/darker blushed center, shaded to white ruffled edge. TL variegated medium green and white, plain, serrated. Standard

**SPRING SERENADE** (M. Burns) Semidouble-double white blush star/glitter overlay. Dark green, ruffled. Large

**SPUN SUGAR** (J. Swift) Light pink frilled star. Medium green, plain. Standard

**STAR BRITE** (M. Burns) Semidouble dusty medium pink ruffled star. Dark green, plain. Large

**STAR DELIGHT** (Volkmann) Single rose-pink star. Plain. Standard

**STARETTA** (A. E. Adams) Single maroon frilled star. Variegated dark green and pink. Miniature

**STARRIEYES** (A. E. Adams) Single rose-pink star. Variegated medium green and cream, plain. Miniature

**STORMY WEATHER** (J. Swift) Purple and lavender fantasy frilled star. Dark green, glossy/red back. Standard

**SUGAR CRYSTALS** (S. Sorano) Double white star. Variegated medium green and white. Semiminiature

\***SUMMERTIME BLUES** (7688) 5/13/92 (N. Johnston) Double medium blue star/darker center. Variegated dark green, cream and pink, ovate, spooned, quilted. Semiminiature

**SUN SIZZLE** (S. Sorano) Single-semidouble fuchsia large star/white wavy edge. Medium green, quilted. Large

**SUNRISE WALTZ** (S. Sorano) Double bright fuchsia star. Variegated medium green, yellow and cream. Standard trailer

**SUPER DOOPER** (S. Sorano) Double pink large star. Dark green. Large

**SUPREME SPLENDOR** (E. Cook) Single chimera light pink/darker stripe. Medium green, plain. Standard

**SUPREME WILLIE** (E. Cook) Double chimera white/bright red stripe. Medium green. Stan-

dard

**SURE TO PLEASE** (A. E. Adams) Single white, rose and mauve variable. Crown variegated green and cream, serrated, girl foliage. Semiminiature

**T**

**TAMARA** (B. Foster) Double lavender/darker rays. Serrated. Standard

**TANTARA** (A. E. Adams) Single cerise two-tone. Crown variegated green, pink and tan, girl foliage. Miniature

**TEEN SWEETHEART** (H. Pittman) Semidouble light blue/white edge. Variegated. Semiminiature

\***TEXAS FANTASY** (7693) 5/23/92 (L. Munk) Semidouble lavender/darker fantasy. Medium green, plain. Standard

**TEXAS MOON** (J. Swift) Semidouble light purple mottled large star. Medium green, plain. Standard

**TIARA ROSE** (A. E. Adams) Single cerise frilled star/rose marking. Variegated dark green and pink, wavy. Semiminiature

\***TIMBER LILY** (6086) 11/19/85 (E. Kiesling) Single light orchid bell star. Dark green, plain, quilted, glossy/red back. Standard

**TITANIA** (A. E. Adams) Double pink-lavender. Dark green, plain. Miniature trailer

**TOKI** (M. Burns) Double pink/magenta center. Medium green, wavy. Standard

\***TOODLE-OO** (7718) 6/15/92 (Stork/Boone) Semidouble hot pink pansy. Dark green, plain, pointed/red back. Standard

**TOP NOTCH** (J. Swift) Semidouble light lavender/wide lavender-fuchsia edge. Plain. Standard

**TORONTO BELLE** (A. E. Adams) Single rose-mauve two-tone. Variegated medium green and cream, serrated, girl foliage. Miniature

\***TREY** (7758) 7/30/92 (R. Cox) Double dark purple ruffled/some pink fantasy. Variegated dark green, pink and cream, quilted, glossy. Large

**TRIBUTE** (B. Johnson) Blue, lavender and purple shaded. Black-green, pointed. Standard

\***TRITON** (7461) 12/29/90 (P. Harris) Double chimera blue pansy/white stripe. Medium green, pointed, quilted, serrated. Standard trailer

**V**

\***VAN MILLS** (7720) 7/6/92 (J. Bell) Double wine/pink fantasy. Dark green/red back. Standard

**VEGAS DOLL** (J. Brownlie) Semidouble pink two-

tone. Variegated. Small standard  
**VEGAS DREAM** (J. Brownlie) Semidouble red-purple star. Variegated dark green. Small standard

\***VERY BERRY** (7606) 11/7/91 (S. Sorano) Semidouble red-wine large star/white wavy edge. Dark green, plain, ovate, quilted. Large

**VICKY** (B. Foster) Double dark red. Variegated dark green. Standard

\***VICTORIAN VELVET** (7607) 11/7/91 (S. Sorano) Semidouble dark magenta star/bright pink frilled edge. Medium green, plain, quilted. Large

\***VIKING SPLENDOR** (7612) 11/9/91 (D. Harrington) Semidouble pink two-tone large/darker eye. Medium green, plain, quilted, serrated. Standard

\***VINCE'S CHOICE** (7639) 11/19/91 (Eyerdom) Semidouble medium blue large/white edge. Medium green, pointed, quilted, glossy. Large

**W**

\***WAYWARD TRAIL** (7550) 8/21/91 (B. Elkin) Semidouble chimera pink pansy/dark lavender stripe, lavender fantasy. Medium-dark green, pointed, quilted wavy/pink-red back. Standard trailer

\***WHEELS OF FORTUNE** (7654) 1/9/92 (N. Johnston) Single chimera rose-pink large fringed star/white stripe. Medium green, plain, pointed. Standard

\***WHISTLING DIXIE** (7726) 7/6/92 (Armstrong/ Domiano) Semidouble medium purple-blue large star/darker eye, white ruffled edge. Dark green, plain. Large

**WHITE DWARF** (A. E. Adams) Single white star. Medium green, plain. Miniature

**WIDE AWAKE** (E. Kiesling) Single-semidouble medium pink sticktite/darker center. Dark green, round, quilted, glossy. Standard

**WILD CLOVER** (R. Cox) Double fuchsia ruffled. Variegated green and pink, pointed. Standard

\***WILSON RHEA** (7705) 6/13/92 (B. Foster) Semidouble bright red. Variegated green, white and some pink, plain, quilted. Standard

\***WINDY DAY** (7719) 6/15/92 (Stork/Boone) Semidouble medium blue star/white-green ruffled edge. Dark green, pointed, ruffled/red back. Large

\***WINE COOLER** (7608) 11/7/91 (S. Sorano) Single-semidouble wine star/thin white wavy edge. TL variegated dark green, white and pink, plain.

**Standard**

**WINE COUNTRY** (M. Beeman) Single-semidouble wine ruffled/darker top petals, edge. Variegated dark green, rose and white, wavy, serrated. Standard

**WINSOME PIXIE** (A. E. Adams) Semidouble lavender two-tone. Variegated medium green and cream, plain. Miniature

**WINTER** (Volkmann) Single white star. Medium green, plain. Standard

**WINTER'S HAVEN** (S. Sorano) Semidouble white ruffled pansy/purple center, variable at edge. Variegated medium green and white, quilted. Standard

**WISHFUL THINKING** (S. Sorano) Semidouble white large wavy star/variable lavender-blue edge. Medium green. Standard

**Z**

\***ZACA'S BLUE CAMEO** (7744) 7/11/92 (A. Stephens) Double white large/lavender-blue eye, thin lavender edge. Variegated light-medium green and white, heart-shaped, quilted. Standard

\***ZACA'S CAPER** (7745) 7/11/92 (A. Stephens) Double peach-pink to copper/copper-green edge. Medium green, heart-shaped, hairy, scalloped. Standard

\***ZACA'S CRYSTAL CLEAR** (7746) 7/11/92 (A. Stephens) Semidouble white frilled/pale pink and green blush. Variegated bright green and white, heart-shaped, cupped, glossy. Standard

\***ZACA'S WHITE TIE** (7747) 7/11/92 (A. Stephens) Semidouble-double white frilled/random green edge. Medium green, heart-shaped, hairy, scalloped. Standard

\***ZACA'S ZINFANDEL** (7748) 7/11/92 (A. Stephens) Semidouble bright rose-pink pansy. Dark olive green, spooned, quilted/red back. Standard

**ZACHARY** (J. Brownlie) Semidouble purple and white star. Medium green, quilted. Standard

**ZACHARY BLUE** (J. Brownlie) Semidouble blue star. Medium green, quilted. Standard

**Master Variety List Chairman**  
 Lynn Lombard  
 1407 Calle Espana  
 San Dimas, CA 91773



***Saintpaulia velutina***

Best species - Columbus (OH) AVSA Convention 1992  
grown by Catherine Thompson, Des Moines, IA

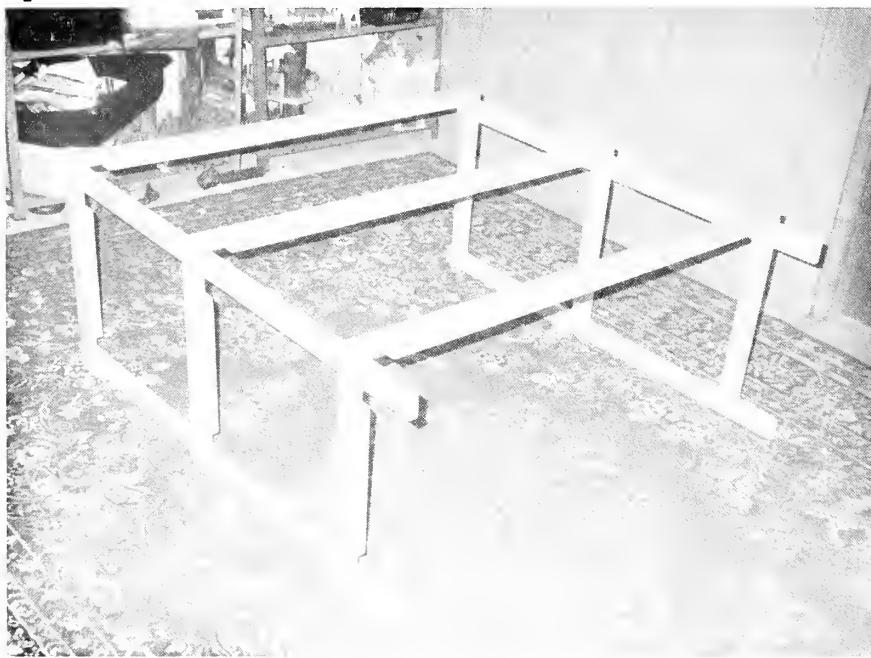
*Continued from page 31 —*

## HOW TO BUILD A PLANT STAND

### Step Four

Attach side pieces to end units.

Make sure side pieces have the supports in the right place, not upside down.



**STEP 4. Attach side pieces to end units with screws.**

### Step Five

Turn over unit. Attach other three side pieces.



**STEP 5. Turn unit over to attach three more side pieces.**

All side pieces are now attached.

### Step Six

Hammer on silent glides.

Wheels (casters) could be used instead.

### Step Seven

Sand any rough edges on the wood. Apply stain. Then apply polyurethane varnish. Follow directions for both products.

### Step Eight

Cut out notches on shelves so that they will fit inside unit frame already built. Cut notches 1" x 3".

### Step Nine

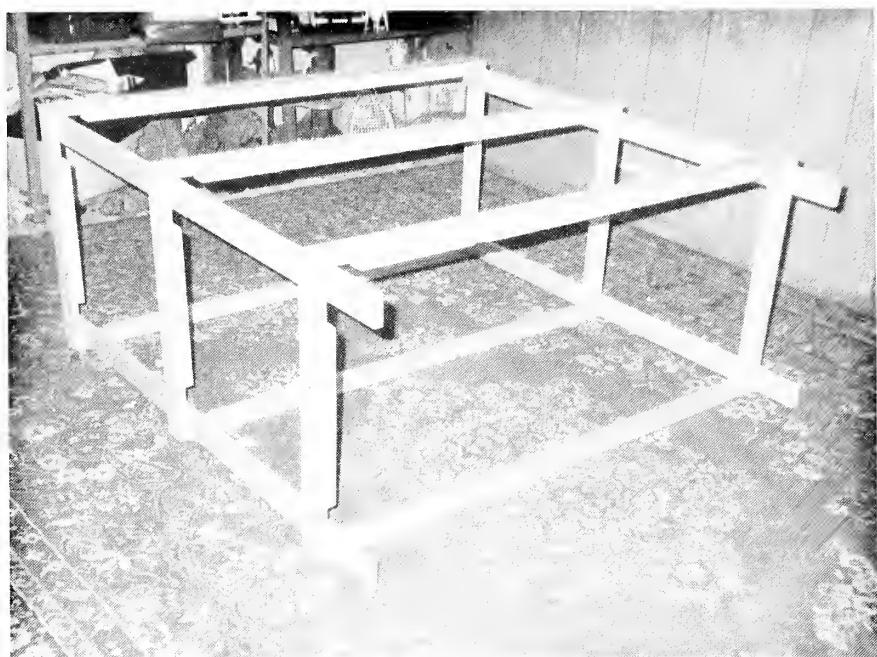
Paint shelves. First apply an undercoat. Then sand until smooth. Then apply final coat. Paint both sides of shelves in this manner.

### Step Ten

Install shelves into frame by lowering from the top. Do not panic if shelves do not fit perfectly at first. Some of the boards of your frame may be warped, which will effect the fit of the shelves. Determine where the shelf is too tight, and sand the edge. It may even be necessary to cut 1/8" off an edge, if it is warped quite a bit. Tack shelf boards in place with finishing nails if you wish.

### Step Eleven

Install the lighting fixtures. I hang the top fixture from the ceiling, suspended by chains, so that the height above the plants is adjustable. For the other lights, I drill holes into the above shelf and screw hooks in. The lights are then suspended from chains. You will have to measure your lighting fixture before determining where to put the hooks.



All side pieces attached.



Step 10. Shelves installed. Plant stand finished.

Step 7. Frame completed. Sand any rough edges.  
Apply stain and polyurethane varnish.



Peppermint Girl

**HORTENSE PITTMAN**

Snowman Trail





Ness' Midnight Fantasy

**MIDLAND VIOLETS**

Ness' Crinkle Blue



# COMING EVENTS

## OCTOBER 31 & NOVEMBER 1

**CALIFORNIA** — Thousand Oaks AVS' 11th show/sale, "The African Violet Mystery," Thousand Oaks Library, 1401 E. Janss Road, Thousand Oaks. Oct. 31, 11 a.m. - 5 p.m.; Nov. 1, 1 - 4 p.m. Free admission, free parking. Floyd Lawson and Gayle O'Malley, co-chairs.

## OCTOBER 31 & NOVEMBER 1

**MISSOURI** — Mid America AVS show, "Celebrating 100 Years of Violets," Loose Park Garden Center, Kansas City. Both days, 10 a.m. - 4 p.m. Grace McCurnin, show chair; Sue Knobbe, Asst. Show Chair.

**NOVEMBER 6 & 7 WASHINGTON** — The Longview AVC show/sale, Triangle Mall, Longview. Virginia Bailey, president.

## NOVEMBER 6 & 7 WISCONSIN

— African Violet Fanciers, Inc. sale/display, Beloit Mall, Rt. 51, North Beloit. Florise M. Hogan, president, 815-397-2000.

**NOVEMBER 7 NORTH CAROLINA** — Green Thumb AVS show/sale, Tarrytown Mall, Rocky Mount. 10 a.m. - 9 p.m.

## NOVEMBER 6 - 8 MINNESOTA

— Minnesota AVS show/sale, "Centennial Celebration," Har Mar Mall, N. Snelling Ave. at County Road B, Roseville (north suburban St. Paul, just south of Hwy. 36). Nov. 6, 10 a.m. - 9 p.m.; Nov. 7, 10 a.m. - 6 p.m. Nov. 8, noon - 5 p.m. Public invited, free admission. For more information: Jean Ness, show chair, 612-429-4109.

## NOVEMBER 6 - 8 CALIFORNIA

— The Northern & Southern California African Violet Councils will host the third state convention, "From Vines to Violets," Doubletree Hotel, 3555 Round Barn Blvd., Santa Rosa. Show room hours: Nov. 7, 2 - 5 p.m.; 9 - 11 p.m.; Nov. 8, 9 a.m. - noon; Sales room hours: Nov. 6, 9 a.m. - noon; 1:30 - 5:30 p.m.; 7 - 9 p.m.; Nov. 7, 9 a.m. - noon, 1:30 - 5 p.m., 9 - 11 p.m.; Nov. 8, 9 a.m. - noon. Free admission to the public. Marie Beeman, convention chair, 707-433-2669; Gary Beck, show chair.

**NOVEMBER 7 & 8 NEW JERSEY** — Tristate AV Council's 30th annual show/sale, "Ports O' Call," Frelinghuysen Arboretum, 53 E. Hanover Ave., Morristown. Nov. 7, 1:30 - 6 p.m.; Nov. 8, 10 a.m. - 4 p.m. Free admission. Rhona Thurman, show chair. For more information: 609-499-3395.

## NOVEMBER 14 & 15 COLORADO

**RADO** — The Gloxinia Gesneriad Growers of the Rocky Mountain AV Council show/sale, "Gesneriads in the Enchanted Forest," Denver Botanic Gardens, John Mitchell Hall, 1005 York St., Denver. Nov. 14, 1 - 4:30 p.m.; Nov. 15, 10 a.m. - 4 p.m. Admission to the Gardens is \$3.00 and \$1.50 for seniors. Richard Schmaltz, show chair, 303-238-3084.

## NOVEMBER 14 & 15 TEXAS

— The AV Study Club of Houston's 19th annual show/sale, "Violets in Vegas," Houston Garden Center, 1500 Hermann Dr., Houston. Nov. 14, 2 - 6 p.m.; Nov. 15, noon - 4 p.m. Free admission. Gerri Goins, show chair; Jane Rexilius, cochair.

## JANUARY 21 - 24 MISSOURI

— The Third Annual St. Louis Flower Show, "America Abloom — A Celebration of Regional Styles in American Gardening," sponsored by the Junior League of St. Louis at the Cervantes Convention Center, downtown St. Louis. Adults, \$6 (\$5 in advance), children 6-12, \$2; 5 and under free. All proceeds collected by the Junior League of St. Louis will be used to train volunteers to work in the community. For more information, 314-997-3407.

**FEBRUARY 26 - 28 FLORIDA**

— Tampa AVS' 18th annual show, "Violets Ride the Magic Carpet," Eastlake Square Mall, 5701 E. Hillsborough Ave., Tampa. Feb. 26, 10 a.m. - 9 p.m.; Feb. 27, 10 a.m. - 9 p.m.; Feb. 28, noon - 5 p.m. For more information: Cheryl Hukle, chair, Rt. 9, Box 5, 5520 Wilkins Road, Tampa 33610 or call 813-626-6817.

## JUDGING SCHOOL

## NOVEMBER 14 NEW YORK

— Metropolitan Regional Council of AV Judges will sponsor a judging school for all AVSA members. Christ Lutheran Church, 300 Hillside Avenue South, New Hyde Park. 9 a.m. Teacher: Gloria Rutmayer, 2 Hampton St., Hauppauge 11788, ph. 516-234-5155; Marianne Gershon, chair, 718-225-0180.

## Growing Tips For Gesneriads

Gesneriads are grown in various climates all over the world. A quick reminder—if you grow chritas, they come from northern China and need cold to thrive. Keep them on the bottom shelf and they don't mind drafts at all. If you grow episcias, they come from Central and South America, so keep them on your top shelves where they will collect the most heat and humidity.

—Diane Richardson

# Attention:

## Footnotes to 1992 MVL Supplement

### — Contained in this magazine.

*Editor's Note: Regretfully, the 1992 MVL Supplement contained in this magazine, was printed before the final proofreading. We are sorry for any inconvenience this may cause our members. Thank you.*

### 1992 MVL SUPPLEMENT CHANGE SYMBOLS

The following plants should have a change symbol ( † ) preceding them.

AMETHYST CONFETTI	NESS' SWEET PEA	ROB'S SILVER SPOOK
ARAPAHOE	NIGHT SECRETS	ROB'S SUNSPOT
AYAKO	NITE BLOOMERS	ROB'S SWEET DREAMS
BEDROOM EYES	OCEAN MOTION	ROB'S TWINKLE TOES
BEGUILING	ODE TO BEAUTY	ROB'S VANILLA PINK
BRYTE DAYDREAMS	OHIO HERITAGE	ROB'S WHITE OUT
BRYTE RAIN DANCE	OUI DO	SASSY SHIRLEY
CANDY SWIRLS	OUI YVONNE	SHADES OF AUTUMN
CARA MIA	PAPER DOLL	SHIMMER FROST
CAROUSEL LADY	PARADISE HALO	SILK 'N' HONEY
CENTENNIAL CELEBRATION	PARTY PRINT	SILKSCREEN
CHASING SUNSHINE	PARTY TOY	SILVER
CHERRY GLO	PASSION PURRFECT	SMOKEY MOON
CHORALE	PEPPERMINT KISS	SMOKEY ROSE
COUNTRY QUILT	PINK RUMBA	SNUGGLES BIG EYES
COUNTRY SUNSHINE	PONY RIDE	SNUGGLES BLUSHING DOLL
DATHYN	POWWOW	SNUGGLES BUSY BEE
DEEP DARK SECRET	PRANCING PONY	SNUGGLES LADY DAWN
EASTER MORNING	PURPLE FROST	SNUGGLES LITTLE GIRL
FANTASY MAKER	QUIET DREAMS	SNUGGLES RISING STAR
FANTASY SPICE	RAIN MAN	SPRING MIST
FAVORITE CHILD	RAPID TRANSIT	STAR BRIGHT
HAPPY TRAILS	RASPBERRY CRISP	TIMBER LILY
HELLO THERE	RASPBERRY DAZZLE	TOODLE-OO
ICICLE ROSE	RAVISHED ROSE	TRITON
IRISH DIMPLES	RIO BRAVO	VERY BERRY
IRISH FLIRT	ROB'S ANGELIE	VICTORIAN VELVET
IRISH WHISPER	ROB'S BEDAZZLED	WAYWARD TRAIL
KISSAWAY TRAIL	ROB'S DENIM DEMON	WHISTLING DIXIE
LITTLE BEACON	ROB'S GAL VIKKI	WIDE AWAKE
LITTLE CHIPPERY TRAIL	ROB'S PINK FIZZ	WINDY DAY
LOUISE CONSTANT	ROB'S PUDDY CAT	WINE COOLER
LUCKY HALO		
LYON'S CHERRY KISS		
LYON'S COUNTRY MOONLIGHT		
MINDI MORN		
NATCHURLY NAWLINS		
NESS' CLASSI CHASSI		
NESS' FROSTY BELLE		
NESS' RED EXPRESS		

#### Also, please note:

PINK CRYSTAL (page A-10) appears registered as  
LYON'S PINK CRYSTAL (page A-8).

LAUGHING TEEN (page A-7) and PIXIE PINK  
(page A-11) were included unnecessarily.



Galaxy

**VOLKMANN BROS. GREENHOUSES**

Cosmos





# A FAMILY PORTRAIT

GEORGENE ALBRECHT  
101 Oak Heights Drive  
Oakdale, PA 15071

## Jonathan Ford's *Kohleria*

This beautiful *Kohleria* (koh-LEER-ee-ah) species was collected at Partai by Jonathan Ford during the 11 years he lived in Brazil. On a recent visit to his Rock Bottom Farms, I stopped in my tracks when I saw the black, serrated, velvety foliage. It's such a contrast to his light green *Streptocarpus* leaves.

When he saw me drooling, he gingerly scooped a clump of scaly rhizomes from the fluffy soil mix and handed them to me. One huge, white rhizome was a good two inches long. Digging one of them up still gives me a "rush" of horticultural adrenaline. This *Kohleria* is so easy to grow. My plant is now 12 inches in diameter and is perfectly content in my humid, hot, light garden. This plant is not registered; perhaps we can change that.

The tubular flowers are 1.5 inches long, vivid red-orange and sport two red upper lobes and three bottom lobes which have a bright yellow under tone. The middle lobe is intense yellow. Random red spots radiate in lines from the corolla. The blooms are presented on 3.5 inch long pedicels that hold the flowers horizontally above the foliage. Foliage, flowers and buds are very hirsute. The calyx

of the flowers is a bright green but the calyx blades are red and turned slightly askew. The leaves are presented in tidy pairs. Growth is more compact than other *Kohlerias* I have grown under lights.

There are about 65 species growing in central and northern South America. *Kohlerias* have been in cultivation since the 1890s. Most of the hybrids are

supposed to need cool temperatures because they tend to inhabit higher elevations in Columbia.

Mine is growing in Pro Mix BX that Mr. Ford gave me when we were there.

He grows his hybrids in this mix, also. *Kohlerias* just might grow well outside with the *Achimenes*.

This has done very well under



Jonathan Ford's *Kohleria*

two fluorescent tubes.

#### **FORD'S STREPTOCARPUS**

Jonathan Ford is the premier hybridizer of *Streptocarpus* (Strep-toe-CAR-pus) with elegant flowers in many colors. Walking into his growing area, not only lifts the spirit, but tickles your fancy to have one of each. I will never forget seeing his S. 'Black Panther' for the first time. I guess this is the hybrid that he is best known for producing. His new hybrids are real "zingers" to the eye. 'Improved Lavender Lace' is a double, lavender flower with purple veining on the lower petals. His reds like 'Happy Snappy' and 'Joker' are terrific. How about a two-tone pink called 'Something Special'?

Linda Mangold, from our Pittsburgh Violet Club, is just smitten with these plants. She is growing one that must have 75 to 100 blooms, in an eight inch pot. Spectacular! Hope she can enter it in our first show in October. Mr. Ford told us that he disbuds his plants until six weeks before the show. People from the Ohio State African Violet Society help him name the hybrids.

Mr. Ford started hybridizing Streps about 15 years ago. His Rock Bottom Farms are located near beautiful Mesopotamia, Ohio. What a farm! Gorgeous daylilies lined out, berries ripening in the fields and a whole house full of Streps. His hybrids receive filtered natural light with fluorescent supplements. Many fans move the air briskly. He also grows *Saintpaulia*, mostly miniatures and chimeras.

There are 900,000 *Streptocarpus* seeds to an ounce. His

germinating boxes will attest to that fact. His plants are fertilized very lightly once a week using one-fourth the manufacturer's directions on the label. Streps do resent fertilizer salt building up in the soil. They should be leached with room temperature water ever five or six weeks. The growing medium must have good drainage. Don't be heavy-handed when potting, keep the medium airy. Grow them in temperatures between 45° and 85° in very bright light, more than *Saintpaulias*, about 1500 footcandles. Do not over water them; better to have dry soil than soggy. If pests appear, use Ivory dish detergent water or Safer's Insecticidal Soap as a drench; however, rinse well. Mites do invade occasionally and a miticide spray with follow ups must be used. Streps will bloom about four to six weeks after they are potted up.

If you would like to visit or write Mr. Ford, the address is: Rock Bottom Farms, 7767 Parkman-Mesopotamia Road, Middlefield, Ohio 44062. Mr. Ford will also consider mailing orders, if you contact him. His telephone number at the farm is 216-693-4126 and his work number in Cleveland is 216-241-1211.

Other sources of his hybrids are Rob's Mini-o-lets, P. O. Box 234, Tonawanda, New York 14151, who has a listing for a long SASE. The Tiki Nursery, P. O. Box 187, Fairview, North Carolina 28730 has a catalog for \$2.00. Les Violettes Natalia, 124 CH. Grapes, Sawyerville, OC J0B 3A0, Canada or at P. O. Box 206, Beecher Falls, VT 05902-0206 has a catalog for

\$2.00. Other *African Violet Magazine* advertisers may also have them.

#### **LATEST ON BENLATE**

DuPont has recalled Benlate, a very popular fungicide. Although the exact cause has not been clarified, it looks as if the chemicals in Benlate broke down into other chemicals that damaged plants in high-light exposure and the heat of the sun. Most of the damage has happened in the southeast, especially the large growers in Florida. One orchid grower lost all of his plants. The plants showed symptoms of stunt before they died.

#### **STRIP SEARCH**

After searching for months, we finally found pest strips. They are called BIO-STRIPS industrial strip, for use in homes, etc. They cost from \$4 to \$8, depending upon the source. The active ingredient is Dichlorovinyl dimethyl phosphate. It seems to work fine, but needs circulating air around plants. The strip will last for four months.

Also, Hyponex timed release House Plant Insect Control for thrips, mealy bug and scale is very effective and safe to use in homes. It is microencapsulated diazinon. Just don't wash it away when you water or mist your plants. Remember to shake the can before you spray.

#### **DROUGHT ENDS**

We have gone from drought to drowned and the *Achimenes* do not know what to make of this. I had added polymer crystals to absorb moisture and see that they are emerging like gobs of

jelly from the soil. Tonight they will be covered with plastic to keep them dry.

Our orchid culture study group, under the direction of Carole Abbott, a Pittsburgh

Violet member, will host a guest speaker on these polymers and I will share that information in my next column.

Meanwhile, the rains have washed fertilizer from the soil

and water soluble fertilizers like Peter's, Miracle Gro or Schultz Instant, can give instant nutrition.

Well, have fun and good growing at this holiday season.

## Aluminum Foil — less

BILL FOSTER  
AVSA SHOWS & JUDGES CHAIRMAN

For years, people complained about having to wrap pots with aluminum foil — dull side out, yet! Well, in the AVSA convention show, we no longer have to do it. I don't know why the majority swung in the direction to make the change. Perhaps, it was their concern for the environment. For whatever reason, many people applaud the change; however, some are still worried that the shows will not be as attractive. If we go about things in the right way, the shows may even be more attractive!

The easiest way is NOT to just set the exhibit in its white pot, on the table. If this is done, all wicks will have to be removed and the pot may still leak on the table. The easiest method is SLIP POTTING. By using this method, you do not need to remove wicks, clean the white pot, or repot into a white pot if the plant is already growing in a pot of another color. With a little research, you will be able to find ways to make this slip potting a snap, and you will wonder why this policy wasn't adopted sooner.

Different brands of pots vary somewhat in actual size. A four-inch Kord pot is not exactly the same size as a four-inch pot put

out by OS Plastics. For instance, in some of my "poking" around, I found that a four-inch azalea pot made by REB Plastic, Inc., fits perfectly into a four-inch azalea pot made by Kord, with no lip showing. If you happen to be growing miniatures or semi-miniatures in the 2-1/8 inch terra cotta color pot, made by OS Plastics, it slips nicely into a 2-1/4 inch Kord pot. You should always put a piece of foil or plastic in the bottom of the pot you are "slipping" into, especially if you wish to leave the wicks in the original pots.

You can always use a pot of the same size and same brand to slip the plant into. This will leave a slight lip at the top, but if both pots are white, it will not be unattractive. Most standard African violets of show quality, growing in a green or black pot, could be slipped into a white pot of the same size and the lip would not be seen because the foliage would hide it. If you are using pots other than white and feel that the color will show when you slip it into another pot, there is a fairly easy solution to that, also. Just take a piece of white masking tape and put it around the top of the pot in which the plant is growing.

With a little research and

creativity, you will be able to work this "slip potting" thing out in no time. If you look around, you might even be able to find cache pots (pots with no holes), to slip your plants into. I believe I was told that the African Violet Association of Gardeners in Florida, had purchased white plastic cache pots in all the sizes needed to accommodate about any pot size that might be entered in their shows.

Once you find the pots you need to slip your plants into, hang on to them and make sure you grow your plants in pots that will work with them. If you are growing in self-watering planters of the self-contained type, and they are white, you do not need to slip them into anything. You cannot enter a pot sitting on top of a reservoir and call it a self-contained, self-watering pot, though.

After we get the hang of this, I think we will wonder why we waited so long to change!

*Let's all meet  
in Lancaster, PA  
in the spring!*

# REGISTRATION REPORT



IRIS KEATING  
149 LORETTO COURT  
CLAREMONT, CA 91711

A name reservation costs \$1.00 and is valid for two years, after which time it may be extended two years for an additional \$1.00. Registration of the plant is \$5.00 unless completed within the reservation period, in which case the balance is then \$4.00.

**PLEASE NOTE:** Although true Tommie Lou variegation is rarely found in today's cultivars, this term has become a catch-all phrase to include all variegation not clearly defined as crown or mosaic. Consequently, variegation terminology for all new registrations and *MVL* plant descriptions will simply be 1) variegated, 2) crown variegated, and 3) mosaic variegated. This simplification reflects the decision of the Shows and Judges and Plant Registration committees at the Columbus convention.

## REGISTRATIONS

### Claire Akemann - Pewaukee, WI

\***ALLEGRO (7694)** 6/8/92 (C. Akemann) Semidouble-double bright to dark pink shaded large. Dark green, pointed, quilted, serrated/red back. **Standard**

\***BRYCE (7695)** 6/8/92 (C. Akemann) Semidouble light blue wavy/darker center, veins. Medium green, quilted, serrated. **Standard**

\***DOROTHY BOYER (7696)** 6/8/92 (C. Akemann) Semidouble light pink large/white-green frilled edge. Dark green, pointed, quilted, serrated/red back. **Standard**

\***ISLE OF SKYE (7697)** 6/8/92 (C. Akemann) Double white wavy/pink-tinged eye. Light green, ovate, quilted, pebbled, hairy, serrated. **Standard**

\***JANET BALLARD (7698)** 6/8/92 (C. Akemann) Double lavender wavy/darkerveins, white edge.

Dark green, pointed, quilted, serrated/red back.

### Large

\***LOCHLEVEN (7699)** 6/8/92 (C. Akemann) Semidouble light lavender/white ruffled edge. Dark green, pointed, quilted, serrated/red back. **Standard**

\***MISTY MOOD (7700)** 6/8/92 (C. Akemann) Semidouble white wavy/pink blush. Light green, ovate, quilted, pebbled, glossy, serrated. **Standard**

\***MOOD CHANGER (7701)** 6/8/92 (C. Akemann) Semidouble blue and white shaded frilled star/blue eye, edge. Medium green, ovate, quilted, wavy, serrated. **Standard**

\***SHARI LOU (7702)** 6/8/92 (C. Akemann) Semidouble-double rose-orchid wavy/darker eye. Light green, ovate, quilted, serrated. **Large**

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### Bill Foster - Mesquite, TX

\***DARING DEBS (7703)** 6/13/92 (B. Foster) Single-semidouble pink two-tone pansy/thin white ruffled edge. Variegated green, white, and some pink, plain, quilted. **Standard**

\***MARGERY'S MELODY (7704)** 6/13/92 (B. Foster) Double red-purple pansy. Variegated green and white, quilted, wavy. **Standard**

\***WILSON RHEA (7705)** 6/13/92 (B. Foster) Semidouble bright red. Variegated green, white and some pink, plain, quilted. **Standard**

\*\*\*\*

### Kent Stork - Fremont, NE

\***ARAPAHOE (7706)** 6/15/92 (K. Stork) Semidouble red large star. Light-medium green, plain, pointed. **Large**

\***GHOST DANCE (7707)** 6/15/92 (K. Stork) Double

white ruffled star. Light-medium green, quilted. **Standard**  
\*POWWOW (7708) 6/15/92 (K. Stork) Semidouble red pansy. Variegated green and cream, plain. **Standard**  
\*SILKSCREEN (7709) 6/15/92 (K. Stork) Single-semidouble white pansy/light blue center, veins. Light-medium green, plain. **Large**

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**Kent Stork - Fremont, NE**

\*DATHYN (7710) 6/15/92 (Stork/Boone) Semidouble-double medium blue ruffled. Darkgreen, quilted. **Standard**  
\*HELLO THERE (7711) 6/15/92 (Stork/Boone) Double bright pink large star/white-green ruffled edge. Dark green, quilted. **Standard**  
\*LUCKY HALO (7712) 6/15/92 (Stork/Boone) Semidouble orchid-pink two-tone pansy. Variegated medium green and cream, plain. **Standard**  
\*MINDI MORN (7713) 6/15/92 (Stork/Boone) Semidouble-double bright pink wavy pansy. Variegated dark green and pink, plain/red back. **Large**  
\*PARADISE HALO (7714) 6/15/92 (Stork/Boone) Double fuchsia-red pansy/variable thin white edge. Variegated dark green, cream and pink, plain, pointed. **Standard**  
\*PHOTO FINISH (7715) 6/15/92 (Stork/Boone) Semidouble white ruffled pansy/light purple center, edge. Light green, plain. **Standard**  
\*RAPID TRANSIT (7716) 6/15/92 (Stork/Boone) Semidouble medium blue pansy/wide white-green edge. Dark green, plain, pointed/red back. **Standard**  
\*RUFFLED SKIES (7717) 6/15/92 (Stork/Boone) Double medium blue star/white ruffled edge. Dark green, quilted. **Standard**  
\*TOODLE-OO (7718) 6/15/92 (Stork/Boone) Semidouble hot pink pansy. Dark green, plain, pointed/red back. **Standard**  
\*WINDY DAY (7719) 6/15/92 (Stork/Boone) Semidouble medium blue star/white-green ruffled edge. Dark green, pointed, ruffled/red back. **Large**

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**Jeanie Bell - Codys, New Brunswick, Canada**  
\*VAN MILLS (7720) 7/6/92 (J. Bell) Double wine/pink fantasy. Dark green, plain/red back. **Standard**

\*\*\*\*

**Genelle Armstrong - Metairie, LA**

\*BEDROOM EYES (7721) 7/6/92 (Armstrong/ Domiano) Double white pansy/dark lavender markings. Variegated medium green and white, quilted. **Standard**  
\*CARA MIA (7722) 7/6/92 (Armstrong/Domiano) Single vivid purple and dark lavender star. Dark green, plain. **Large**  
\*NATCHURLY NAWLINS (7723) 7/6/92 (Armstrong/Domiano) Semidouble white large ruffled star/red-purple eye, edge. Variegated medium green and white, wavy. **Large**  
\*OCEAN MOTION (7724) 7/6/92 (Armstrong/ Domiano) Semidouble blue and white pansy. Variegated medium green and white, ovate, wavy. **Standard**  
\*RAVISHED ROSE (7725) 7/6/92 (Armstrong/ Domiano) Double red shaded frilled star. Dark green, pointed, serrated. **Large**  
\*WHISTLING DIXIE (7726) 7/6/92 (Armstrong/ Domiano) Semidouble medium purple-blue large star/darker eye, white ruffled edge. Dark green, plain. **Large**

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**Ralph Robinson - Tonawanda, NY**

\*ROB'S AVIS WINNIE (7727) 7/6/92 (R. Robinson) Double dark burgundy/thin white frilled edge. Variegated dark green and white, pointed, ruffled, serrated. **Semiminiature**  
\*ROB'S BEE BOOPSY (7728) 7/6/92 (R. Robinson) Semidouble medium-dark purple frilled/darker eye. Variegated medium green and white, pointed, ruffled, serrated. **Miniature**  
\*ROB'S BLUE KAZOO (7729) 7/6/92 (R. Robinson) Semidouble lavender-mauve frilled/darker tips, variable thin white edge. Variegated dark green and white, serrated/red back. **Semiminiature**  
\*ROB'S CRAZY KILT (7730) 7/6/92 (R. Robinson) Semidouble chimera medium purple frilled pansy/white stripe, blue side markings. Variegated medium green and white, quilted, hairy, serrated. **Semiminiature**  
\*ROB'S DANDY LION (7731) 7/6/92 (R. Robinson) Semidouble silver-white shaded large bell. Variegated black-green and white, quilted. **Semiminiature**  
\*ROB'S DUST STORM (7732) 7/6/92 (R. Robinson) Double bright pink pansy/blue fantasy. Dark green, pointed, quilted, serrated. **Semiminiature**

iniature

\***ROB'S GRAY GHOST** (7733) 7/6/92 (R. Robinson) Single-semidouble white pansy. Variegated black-green and white, quilted/red back.

Seminiature

\***ROB'S HALF MOON** (7734) 7/6/92 (R. Robinson) Semidouble white pansy/wide dark pink edge. Crown variegated medium green, white and yellow, pointed, quilted, glossy. **Seminiature**

\***ROB'S HOT CHOCOLATE** (7735) 7/6/92 (R. Robinson) Semidouble dark pink frilled. Black-green, wavy/red back. **Seminiature**

\***ROB'S ICE MAIDEN** (7736) 7/6/92 (R. Robinson) Semidouble pale silver-lavender/darker fantasy. Variegated dark green and white, quilted. **Seminiature**

\***ROB'S IRIDIUM QUEEN** (7737) 7/6/92 (R. Robinson) Double white large star/wide dark red edge. Medium green, pointed, quilted, hairy, serrated. **Seminiature**

\***ROB'S MATCH POINT** (7738) 7/6/92 (R. Robinson) Double white star/wide medium blue edge. Medium green, pointed, quilted, serrated. **Seminiature**

\***ROB'S MOON CRITTER** (7739) 7/6/92 (R. Robinson) Single white large star/blue-speckled pink edge. Crown variegated medium green and white, pointed, quilted, hairy, serrated. **Seminiature**

\***ROB'S PEWTER BELLS** (7740) 7/6/92 (R. Robinson) Semidouble silver-light blue large bell. Variegated dark green and white, pointed, quilted. **Seminiature**

\***ROB'S PINK PRISMS** (7741) 7/6/92 (R. Robinson) Semidouble pale pink/rose-lavender fantasy, rose band, thin white edge. Variegated dark green, white and light pink, pointed, glossy. **Seminiature**

\***ROB'S SMOKE RINGS** (7742) 7/6/92 (R. Robinson) Double white large star/dark pink edge. Medium green, pointed, quilted, hairy, serrated. **Seminiature**

\***ROB'S ZINFANDEL** (7743) 7/6/92 (R. Robinson) Semidouble dark burgundy-red frilled. Variegated black-green and white, pointed, quilted, ruffled, serrated/red back. **Seminiature**

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**Addie Stephens - Solvang, CA**

\***ZACA'S BLUE CAMEO** (7744) 7/11/92 (A.

Stephens) Double white large/lavender-blue eye, thin lavender edge. Variegated light-medium green and white, heart-shaped, quilted. **Standard**

\***ZACA'S CAPER** (7745) 7/11/92 (A. Stephens) Double peach-pink to copper/copper-green edge. Medium green, heart-shaped, hairy, scalloped. **Standard**

\***ZACA'S CRYSTAL CLEAR** (7746) 7/11/92 (A. Stephens) Semidouble white frilled pansy/pale pink and green blush. Variegated bright green and white, heart-shaped, cupped, glossy. **Standard**

\***ZACA'S WHITE TIE** (7747) 7/11/92 (A. Stephens) Semidouble-double white frilled/random green edge. Medium green, heart-shaped, hairy, scalloped. **Standard**

\***ZACA'S ZINFANDEL** (7748) 7/11/92 (A. Stephens) Semidouble bright rose-pink pansy. Dark olive green, spooned, quilted/red back. **Standard**

\*\*\*\*

**Edwin H. Adams - Chesaning, MI**

\***CONNIE'S FOLLIES** (7749) 7/30/92 (E. H. Adams) Single-semidouble light lavender two-tone. Dark green, plain, longifolia, quilted. **Large**

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**Ruby Cox - Bethany, MO**

\***KANSAS BLIZZARD** (7750) 7/30/92 (R. Cox) Single white sticktite ruffled star/some green edge. Medium green, plain, glossy. **Standard**

\***KANSAS CITY LIGHTS** (7751) 7/30/92 (R. Cox) Single medium lavender large star/pink fantasy. Variegated dark green, pink and cream, quilted, glossy/red back. **Large**

\***LOVE APPLE** (7752) 7/30/92 (R. Cox) Semidouble dark coral ruffled star. Variegated medium green and cream, glossy, wavy, serrated. **Standard**

\***MAMA'S JOLLY JOKER** (7753) 7/30/92 (R. Cox) Semidouble medium peach frilled star/darker eye, rays. Variegated dark green and cream, quilted, glossy, serrated. **Standard**

\***NICE TRY** (7754) 7/30/92 (R. Cox) Single medium lavender large ruffled pansy/darker eye, veins. Variegated dark green, pink and cream, quilted, glossy, serrated. **Large**

\***OHIO HERITAGE** (7755) 7/30/92 (R. Cox) Single pink two-tone pansy. Variegated dark green, pink and cream, quilted, glossy. **Standard**

**\*RED-HEADED KATE (7756) 7/30/92 (R. Cox)**  
Semidouble dark red star. Variegated medium green and cream, plain, glossy. **Standard**

**\*SNOWED IN (7757) 7/30/92 (R. Cox)** Double pink and white star/some green edge. Variegated dark green and cream, quilted, glossy. **Large**

**\*TREY (7758) 7/30/92 (R. Cox)** Double dark purple ruffled/some pink fantasy. Variegated dark green, pink and cream, quilted, glossy. **Large**

**REGISTRATION CORRECTION**  
**\*SILVER (4911)** Please change to Semidouble white star/**variable pink or red spots**.

#### NAME RESERVATIONS

##### Don and Jean Ness - White Bear Lake, MN

- \* Lady Elizabeth \* (Each of the following is preceded by the name Ness') \* Angel Tears \* Be-dazzled \* Candy Pink \* Cherry Smoke \* Cherub's Smile \* Coral Dawn \* Coral Lustre \* Coral Sunset \* Crimson Fire \* Dancing Belle \* Dancing Eyes \* Dancing Fire \* Forever Blue \* Forever Pink \* Frost Fire \* Frosty Edges \* Pinafore Pink \* Pink Ribbons \* Prairie Star \* Red Dandy \* Red Duchess \* Red Sparkler \* Snow Belle \* Snow Clouds \* Spreckles

**Statement of Ownership,  
Management and  
Circulation  
(Required by 39 U.S.C. 3685)**

1A. Title of Publication	1B. PUBLICATION NO.	2. Date of Filing
AFRICAN VIOLET MAGAZINE	0 0 9 - 0 2 0	Oct 1, 1992
3. Frequency of Issue	3A. No. of Issues Published	3B. Annual Subscription Price
Bi-Monthly	6	\$15.00
4. Complete Mailing Address of Known Office of Publication (Street, City, County, State and ZIP + 4 Code) (Not present)		
P O Box 3609, Beaumont (Jefferson) Texas 77704-3609		
5. Complete Mailing Address of the Headquarters of General Business Office of the Publisher (Not present)		
2375 North St., Beaumont (Jefferson) Texas 77702-1722		
6. Full Name and Complete Mailing Address of Publisher, Editor and Managing Editor (This area <b>MUST NOT be Blank</b> )		
Publisher: Name and Complete Mailing Address		
The African Violet Society of America, Inc., P O Box 3609, Beaumont (Jefferson) TX 77704-3609		
Editor: Name and Complete Mailing Address		
Jane Birge, P O Box 3609, Beaumont, TX 77704-3609		
Managing Editor (Name and Complete Mailing Address)		
Not Applicable		
7. Owner: If owned by a corporation, its name and address must be listed and also immediately thereafter the names and addresses of stockholders owning or holding 1 percent or more of the total amount of stock. If owned by a partnership, the names and addresses of the individual owners must be given. If owned by a partnership, the names and addresses of the partners must be given. If owned by a sole proprietor, his or her name and address must be given. If the publication is published by a nonprofit organization, its name and address must be stated. (Item must be completed)		
Full Name		
The African Violet Society of America, Inc., P O Box 3609, Beaumont, TX 77704-3609		
Complete Mailing Address		
None		
8. Known Stockholders, Mortgagors, and Other Security Holders Owning or Holding 1 Percent or More of Total Amount of Bonds, Mortgages or Other Securities (If there are none, so state)		
Full Name		
Complete Mailing Address		
None		
9. For Completion by Nonprofit Organizations Authorized To Mail at Special Rates (Form 4237, Part 1)		
The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes (Check one)		
(1) Not Changed During (2) Changed During (3) Preceding 12 Months		
10. Extent and Nature of Circulation		
Average No. Copies Each Issue During Preceding 12 Months		
No. Copies on Single Issue Published Nearest to Filing Date		
A. Total No. Copies (Net Press Run)		
12,095		
11,920		
B. Paid and Requested Circulation		
1. Sales through dealers and carriers, street vendors and counter sales		
16		
2. Mail Subscription (Postmaster required)		
11,717		
11,540		
C. Total Paid and Requested Circulation		
11,733		
11,544		
D. Free Distribution by Mail, Carrier or Other Means		
Samples, Complimentary, and Other Free Copies		
48		
123		
E. Total Distribution (Sum of C and D)		
11,781		
11,667		
F. Copies Not Distributed		
1. Office use, left over, uncorrected, spoiled after printing		
314		
253		
2. Return from News Agents		
-0-		
3. -0-		
G. TOTAL (Sum of E, F, and 2--should equal net press run above in A)		
12,095		
11,920		
11. I certify that the statements made by me above are correct and complete		
Signature and Title of Editor, Publisher, Business Manager, or Owner		
Hazel Reitz Office Manager		
(See instructions on reverse)		

- \* Tiny Flame \* Viking Angel \* Viking Frost \* Viking Snowfire

\*\*\*\*

##### Ralph Robinson - Tonawanda, NY

- (Each of the following is preceded by the name Rob's) \* Boondoggle \* Bo Peep \* Dipsy Doodle \* Flim Flam \* Fuddy Duddy \* Heat Wave \* Hop Scotch \* Hot Tamale \* Hummin' Bird \* Mad Cat \* Monkeyshines \* Red Rooster \* Whatsit \* Who-dunit \* Zero Gravity

\*\*\*\*

##### Addie Stephens - Solvang, CA

- (Each of the following is preceded by the name Zaca's) \* Charmer \* Christa-D \* Happy Birthday \* Magic Wand \* McCoy \* Michelle Anne \* Mosaic \* Stained Glass

\*\*\*\*

##### Jim McGregor - New York, NY

- \* Matron of Honor \* Old Reliable

\*\*\*\*

#### NAME RESERVATION RENEWALS

##### Ralph Robinson - Tonawanda, NY

- \* Rob's Doohickey



**BEST GESNERIAD** at a recent Metropolitan St. Louis AVC show, "One Hundred Years of Violets," was *Episcia Pink Brocade*, grown by Hazel Reitz.



# QUESTION BOX



**JAMES SMITH & RALPH ROBINSON**  
489 Linwood Avenue  
Buffalo, NY 14209

**Question:** How on earth can you get rid of thrips? I have sprayed at the recommended intervals and I am still finding them. Is there a good chemical that will eradicate these pests once and for all?

**Answer:** Having thrips is like the phrase — “no new taxes,” once you have them, it’s tough to get rid of them. Thrips lay eggs in the anthers (pollen sacs). Pollen is the source of food for these critters. So, the first step is to remove this source by disbudding ALL blossoms and buds. There are several choices of chemicals that will work. The one that I have found to be effective is PT 1300 Orthene aerosol spray. One-quarter teaspoon of 50% Malathion to one quart of warm water will work efficiently, but be sure to spray both sides of the foliage thoroughly. It is very difficult to get rid of thrips in a collection of plants. The best you can hope for is to control them. Routine inspection is important. At the first sign of thrips (pollen spills on the blossoms), get out the spray and go to work. You must be persistent. Thrips don’t need a mate to produce young. One thrips can produce thousands. In Pauline Bartholomew’s book, *Growing To Show*, she describes a fumigation process that works quite well — especially at show time.

She writes, “I removed all

blossoms and buds and placed the plant in a cardboard box with a No-Pest Strip™. When the plant bloomed again, I found no sign of thrips. Of course, one test does not make a fact. It could have been that the removal of the blossoms got rid of the last thrips or the last clutch of eggs. I later acquired a plant that was infested with thrips. In the interest of science, I left all of the blossoms on and fumigated the plant. After 12 hours in the box, with the No-Pest Strip, the blossoms were covered with dead thrips.”

I can vouch for this method; it does work. All sprays will damage blossoms, so this method is quite handy.

If you don’t have thrips, how can you prevent them? Well — read my writing — I don’t know of anyone who hasn’t. You can do several things to reduce the risk. Don’t add new plants to your growing area until after two months of isolation. Treat and spray as if they had thrips. Remove all blossoms and buds at the show room before bringing them home. (The looks and gasps from the surprised spectators is worth the task.) Keep the plants in their boxes and use Pauline’s fumigation method before placing the plants back into the growing area. Make this a routine practice when you buy plants from a greenhouse or store. Spray at least

three times a month, using any chemical designed for thrips, or has thrips on the label as a pest that it will control. If you have worked outside, around other plants, change your clothes and take a shower. Thrips can cling to your clothes and hair. Ugly, isn’t it? Always inspect your plants at each watering. The use of sprays can be dangerous, so read the label, wear a face mask, and spray with GREAT CAUTION.

**Question:** I have some African violets and I would like to know what the best method is for watering them; especially when I will be away for three months.

**Answer:** The method of watering depends upon your growing conditions, your schedule, the number of plants in your collection, or whatever works best for you. African violets respond well by either top watering, using a saucer, or by wicking. For my growing conditions, I use both top and saucer watering methods. The advantage of top watering is to wash out the fertilizer salts that have filtered up into the soil. The salts will form a reddish crust around the top of the soil (sometimes, around the rim of the pot), which may cause the petioles of leaves to rot. When the salts become this concentrated around the top of the soil,

it's time to repot. Wick watering is handy for those who don't have time to water often, or who will be away from home for several weeks. Wicks are material inserted into the bottom of the pot, then dropped into a water reservoir. Wicks can be purchased or made from nylon hose (I use mason's twine, a hardware item). Always use a nylon material because it will not decay. Reservoirs can be purchased or simply use a margarine tub. Cut a pencil-sized hole in the top of the lid and drop the other end of the wick down into the water. Keep reservoirs filled with water and fertilizer. To start the "automatic" watering system, water the plant once. If the plant goes dry, you may have to insert more of the wick up into the soil. Water travels up the wick by capillary action and keeps the soil moist.

**Question:** What causes a blue and white blossom plant to bloom solid blue after it blooms the second or third time?

**Answer:** When a two-tone, or multi-color blossom blooms solid, it has reverted back to one of its parent's colors. This could be caused by several factors. Poor genetic stability is the main reason, or warm growing conditions. Unfortunately, some hybridizers fail to test their stock before the plants are released for sale. Not to place too much of the blame on hybridizers, try growing the plant under cooler conditions. Cooler temperatures (sometimes) will "shock" the plant into blooming according to the hybridizer's original description. Plant colors take a beating during hot summer

months. Don't despair—cooler weather is now here.

**Question:** I have trouble rooting leaves. Sometimes one or two plants are produced. When they are separated and planted into 2-1/2" pots, a brown crust forms in the center. What is the best method for rooting leaves, and what is the brown crust that forms in the centers? It looks like fertilizer burn. I use plain water (no fertilizer) until I see the babies come up. Then I use a weak fertilizer solution. From the time I plant the leaf and when the babies appear, is very long. Should I be doing something different?

**Answer:** The best way to root leaves is to plant the leaf into the same potting medium that is used for your plants. I have used equal parts vermiculite, perlite, and charcoal, with great success. Potting soil works just as well, and is less expensive. Cut a mature leaf at an angle so that the slant is to the front of the leaf. Cutting the leaf at a slant will produce more plants and will force the growth of the plants to the front of the "mother" leaf. A straight cut will allow the plants to pop up all around the leaf with some under the mother leaf. These plants may be shaded from the light. Once the leaf is planted, keep the pot in a saucer deep enough to hold at least an inch of water. Keep the container filled with the same solution used to water the other plants. From my experience, the fertilizer is necessary and will produce strong plants. Keep a plastic bag over the potted leaf until the plants begin to appear. When the plants begin to show at least four

leaves, they are ready to be separated into individual pots. The brown crust is a deposit of minerals or fine dust particles from the soil that travels up the stem by capillary action. Pouring clear water in the center will help clean this deposit. This often happens as a result of using fine peat moss as the main ingredient in the potting mix. It is unlikely that the crust is fertilizer burn. Lastly, you mentioned that you use well water and the centers don't appear to be growing. Well water is very good, but what tastes good to you may be harmful to your plants. When was the last time you tested the water for mineral content and pH? An imbalance of pH in the water could upset the pH balance in the soil which will cause fertilizer lock-up, which means that the plants are unable to utilize the fertilizers being applied. This will lead to a high concentration of minerals and salts in the soil. I could go on and on about this, but the end result would be DEAD plants. I would have the well water tested at least once a year; for your own safety as well as for the safety of your plants.

**Question:** Has the value of foliar feeding been scientifically proven? Should the underside of the leaves also be sprayed?

**Answer:** African violets are not epiphytes. They do not depend on foliar feeding for most of their nutritional needs as do orchids, etc. I do not know of any specific study using African violets to prove foliar feeding would be a benefit. However, I do foliar feed trays of leaves with a weak solution of fish products. I find that the babies

develop stronger root systems, and I seem to obtain more plants from a leaf. To quote from Pauline Bartholomew's book, *Growing To Show*, "Except as a growth and blossom booster before a show, African violets do not need a steady diet of foliar feeding. The extra nutrients

create an excess that can cause leaf and crown burn, tight centers, and loss of variegation. Plants absorb a high percentage of the nutrients when foliar fed with an inorganic fertilizer. However, plants absorb only a small percentage of organic fertilizers and so, they are rela-

tively ineffectual for foliar feeding. (The exception is urea which is not recommended for African violets.)"

If any of you want more information concerning the effect of foliar feeding on African violets, write to me and I will share your letters with my readers.

## Kermit's Christmas Party

One night around Christmas as Kermit lay dreamin',  
A thing he was good at and always a schemin',  
In his dream he decided to have a big party  
Invite all the violets, so he better get started.  
As soon as the lights were turned off on the carts  
Kermit jumped up and with a great big shout,  
Said, "Merry Christmas," my friends it's party time now.  
No time to waste — let's make it a wow!  
Well up stepped Snowkist Haven white as the snow,  
Said look at me now, I'm ready to go.  
Then, here comes Ms. Pretty, Sashaying in pink,  
She was Something Special, said Kermit, I think.  
But, who should come next, so forward and curt  
But that fantasy flower, that old Fickle Flirt  
Of course, that makes Wrangler's Jealous Heart  
dance  
'Cause soon there would be a *Midnight Romance*.  
The *Pixies* were there and *Trailing Along*,  
*Adear* and *Dancin*, a *Happy Time* for all.  
The party was like a *Dixie Celebration*,  
*Little Jim, Nancy Reagan*, but then with elation  
Twas time for a song so *Happy Cricket* obliged.  
And that didn't take long — he already was high.  
The next performance came on stage, that happy  
trio  
*Pretty in Pink, Blue and Red* Oh, mama a-mio  
And about now Kermit was lookin' to see where  
the food was,  
So he better get cookin'.  
The table was *Gorgeous*, a *Royal Sensation*  
This was *Prime Time*, a violet revelation.  
There was *Country Cider, Cherry Frosting, Fortune Cookie*  
Ooooh, so many, *Blueberry Topping* and also *Little Jennie*.  
She stood there that 'mini' in her *Texas Sunbonnet*  
That *Fantasy Sensation* there was no doubt about it.

The violets gathered round, *Rascal Dazzle* in the middle

*Red Petticoats* a flyin' and like a *Party Animal*  
No time for cryin' said *Pink Confession*  
*I Luv it, I Luv it*, it's like a *Pink Obsession*.  
As the night wore on and with *Heavens Reflections*

Some were *Coco Loco* that *Special Sensation*  
*Just Fun*, said *Precious Pink*, it's *Playtime* all night  
Are you ready to *Tango* said *Ice Dancing* so bright.  
As the party wore on and *Kermit* lost control,  
You just can't imagine what a story was told.  
*Night Magic* took its toll, *Christmas Kiss* was *Like Wow*

Those *Snuggles* kept snugglin' *Like A Dream*,  
that's how!

What a *Masquerade*, a pink *Masterpiece* like crazy,  
But somehow by that time everything seemed hazy.

We better settle down old Santa might not come  
Said *Angel Lace* so pink and lavender and also  
*Royal Plum*

As they looked out the window 'twas like a magic  
*Snow Squall*

The air was a *Twinkle* with a *Starry* night pall.  
Now Kermit stepped up with that *Smile* and that tease

With a *Christmas Candy* to all he hoped he had pleased

All his violet friends and their neighbors *So Fine*  
I just hope that someday all the violets will be mine.

There should be a moral to this *Christmas Delight*  
And it's so hard to confess we all do get too many  
And oh what a mess, but isn't it fun we all do agree  
There's plenty to go 'round but gosh they're not free.

So we dig down in our pockets and look down in our hearts

There's no way, no how from violets we'll depart.  
*Christmas Cheer* everybody!

Lucile J. Wasson  
Miracle Strip AVS, Panama City, FL

By special request

# The Japanese Technique For Growing African Violet Trailers

By CHISAKO KISAMORE, Tokyo, Japan  
English translation edited by Pauline Bartholomew

*Editor's Notes: The preparation of this article for publication in the U.S. has been delayed for almost two years. The language barrier plus the lack of time and opportunity to question the growers has been very frustrating. It was a little difficult for me to decipher the translation so I interviewed various expert trailer growers during my trips to Japan. I still have many questions as I'm sure you will have. I can only tell you that I have related all I know. Some of the growers practice acupuncture (piercing the stem 1/2" below the crowns with stainless steel needles) but Mrs. Kisamore made no mention of doing so when I interviewed her. It would be great if she could come to the U.S. and do a workshop at an AVSA convention.*

*In Tokyo this year I was given a size assortment of the containers they use for trailers. The containers are white plastic and look like potted-plant saucers except that they are straight-sided. They range in size from 10" wide x 2-1/2" deep to 18" wide x 4" deep. They are prepared by burning holes around the bottom at 2" intervals. On the larger saucers, a second row was made mid-center. They are planted*

*Texas-Style and placed in trays or large saucers and watered from the bottom. The soil is mounded slightly in a dome-shape. These containers are used for the final potting-up processes after the plant has progressed from the initial 2-1/2" and 6" pots. Someone mentioned that oil drip pans would make suitable substitutes.*

## Creeping-Typing Trailers

First of all, remove the lower foliage of the young plantlet of the variety you

have chosen. In a 2-1/2" pot, place the soil mix around the nodes of the removed leaves and up to the bottom of the remaining leaves (figures 1 & 2). Expose the plant to rather strong fluorescent light (the center of the tubes) from di-

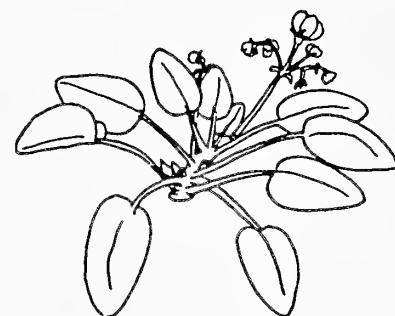


Figure 3.

rectly above so new suckers will form evenly. Strong light will keep the foliage compact and buds will form sooner.

When the buds show color (figure 3), carefully remove them and new suckers will grow at this junction. If a bud is removed before it is big enough, the stem does not have enough growth and new suckers will be delayed. Also, if the joint is damaged when the bud is removed, it may damage the start of a new bud which can then form a new sucker after it has been removed.

When several suckers are evident, reduce the amount of light so the crowns (suckers)

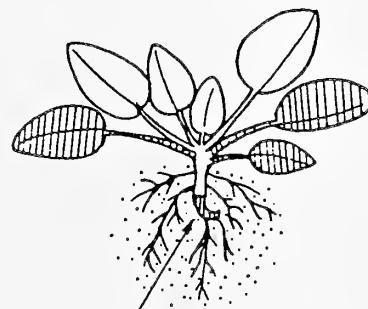


Figure 1.

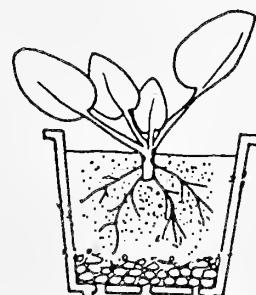


Figure 2.

will elongate. Allow the center crown to bloom so strength goes to the off-shoots. During this stage, put the plant in good natural light and turn the plant 90 degrees every day. As crowns (suckers) develop, old foliage near the base of the suckers prohibit their growth so remove old foliage. A stem (trailing crown) which is growing straight, has a tendency to grow the fastest. Thus pinning the stem in

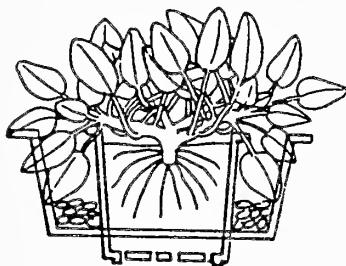


Figure 4.

contact with the soil causes it to root and helps retard the growth of the center crown. Also allowing the center crown to blossom helps it to grow more slowly.

It is now time to transplant into a larger pot (figure 4). Spread the crowns in spoke-fashion around the pot. Remove the leaves from along

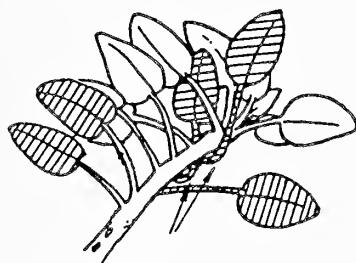


Figure 5 a.

the bottom of the stems and pin the stems to the soil. Roots will form and grow into

the soil along the length of the trailing stem. Also remove a few leaves from the lower portion of the stem so new suckers will form and fill in the foliage (figures 5). I use aluminum bonsai pins. Completely disbud. The plant will then grow faster and new

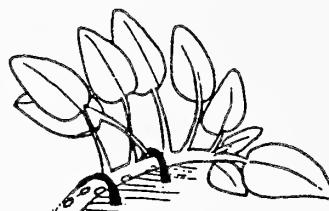


Figure 5 b.



Figure 5 c.



Figure 5 d.

suckers will form more readily.

When each trailing stem (crown) is big enough (about

2" over the edge of the pot), transplant it to a larger pot. After a certain length of time, the foliage should be thick and lots of buds will be showing. It should then be about an 18" show plant. Of course, the size of the plant will depend on the variety. 'Violet Trail,' 'Mellow Trail,' 'Tucson Trail,' 'Ramblin' Blue,' and *S. pendula*, will take three to five months. Others such as 'Wee Trail,' 'Pixie Blue,' 'Jet Trail,' 'Mohawk Trail,' and 'Happy Trail,' will take four to seven months.

(Editor's note: the size progression of the pots was unclear. I suggest that you let your growing skills be your guide. Perhaps a vigorous, multi-crowned trailer in a 2-1/2" pot to a 6" shallow pot, and then on to a 15" or so shallow pan.)

### Bush-Type Trailers

Stems (crowns) of bush-type trailers don't grow as quickly so they do not need exposure to light from the top. As in the instructions for creeping-type trailers, remove the lower foliage and pot the plantlet up into a 2-1/2" pot. Place the plant in good natural light and turn it 90 degrees every day.

Keep disbudding. New crowns (suckers) grow to about the same size as the center crown but usually only three to five new crowns will form. Both the center crown and the new crowns grow slowly upward.

At this time allow buds to set. This will keep additional crowns from forming. If more crowns form, they will crowd each other out and the plant won't shape nicely.

When the stems of the crowns are about three to four inches, pot up to the next size pot. Remove the foliage along the underside of the stems and spread the stems evenly around the central crown. Pin them to the top of the soil. New roots and new crowns will grow at the base of each pinned crown. If leaves are lost due to the aging process, the stem of that part will not produce new growth. Unless suckers are formed on young stems, the stems around the center of the plant will lose leaves and there will be gaps because of the bare stems.

When the foliage has grown slightly over the edge of the pot, the pot is the correct size. If the pot is too big for the plant, too much salts build-up may damage foliage and blossoms. Stems of bush-type trailers don't fill in as much as creeping-type trailers so it is best not to use too deep a pot. The center of the plant should be about 4" inside the edge of the pot so new stems can creep on the soil and new roots can grow until time for the next potting-up (a few months). Stems won't have roots if they are not in contact with the soil so the more stem that hangs over the edge of the pot, the fewer the roots.

In the case of creeping-type trailers, the stems can be pinned around the edge of the pot. Turn the tips just before they reach the edge of the pot



**Pixie Blue — 18" to 20" across**



**Chisako Kisamore with Santa Fe Trail**

and pin them inside the pot instead of allowing them to trail over the edge. However, bush-type trailers have strong, rigid stems that won't bend. That is why potting up to accommodate growth is required. Pin stems 2" from the edge of the pot, prune the tips, and multiple crowns will form on the tips. It is possible to grow a 32" trailer by using this method.

My 'Santa Fe Trail' was 16" across and had 15 crowns when it was exhibited at a spring convention. They in May I potted it up to a larger pot. In July I potted it up into a 17" wide x 4" deep plastic washbowl. It had 17 crowns but after removing the foliage and pinning the stems, new roots formed and the number of crowns doubled. The plant was 25" across for the autumn convention. In December I potted it into a more suitable 16" container. It didn't look too good because I removed most of the foliage but in a few months the foliage was thick and beautiful again. Foliage which is not growing must be removed so new roots will form. This pertains to both standard and miniature trailers.

## Summation

The most important part of this technique is to grow as many new roots as possible, then new crowns grow quickly and foliage will be thick and will fill the pot no matter how large the pot is. Crowns and foliage must be in a constant state of growth in order to have lots of blossoms. Disbud when removing foliage to force

new roots, then energy will go to forming new foliage.

Each variety is different so you need to know the characteristics of each trailer so you

can choose only the best suited for this technique.

I hope my experience will be helpful to you.

## **Baltimore AVC and Svetlana**

DIANE RICHARDSON

Marie Burns of the Baltimore African Violet Club was contacted by Svetlana Prilutzkaiya (featured in September/October 1992 AVM), approximately one year ago.

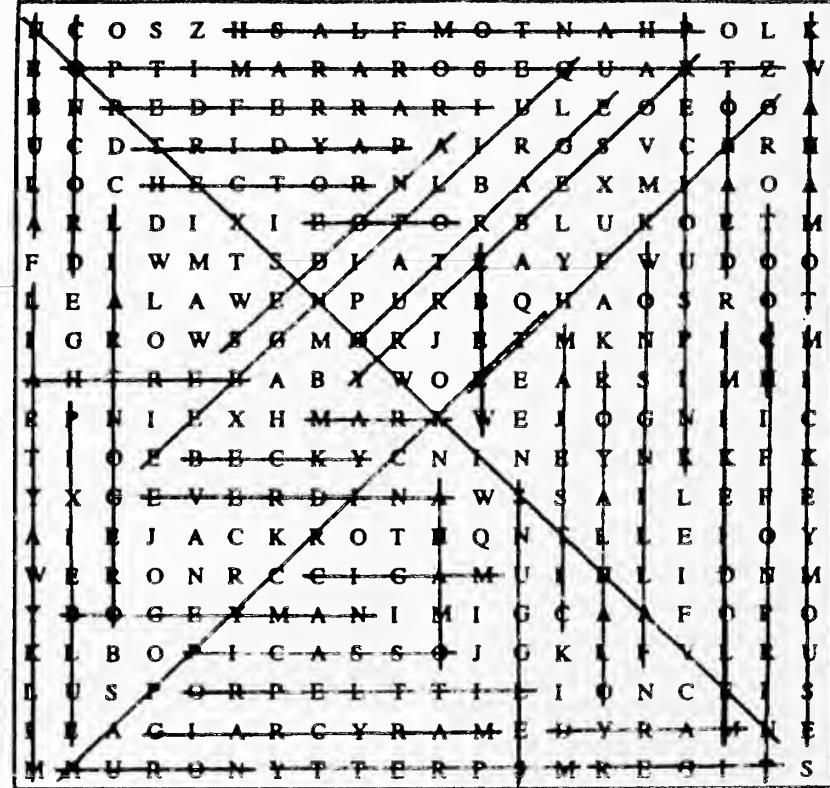
Translation was easy as one of the Baltimore club members works with two Russian immigrants that are also from the Ukraine, the same as Svetlana.

The club sent a subscription to the *African Violet Magazine*, which she is currently receiving. They also sent a five pound

bag of fertilizer.

Svetlana requested seed pods, as leaves would die before reaching her. Marie sent her one of her crosses and Svetlana sent Marie three seed crosses which have been grown out by club members. They are being used as this year's club project to be shown at the Baltimore AVC's 39th annual show and sale in May. So far, most of the seedlings are in the pink family with medium to light green foliage.

### **Solution to last month's WORD SEARCH**



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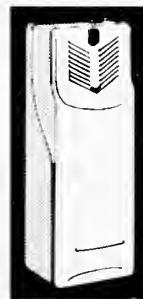


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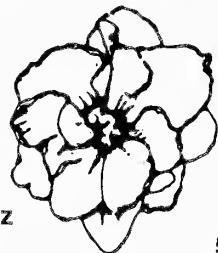
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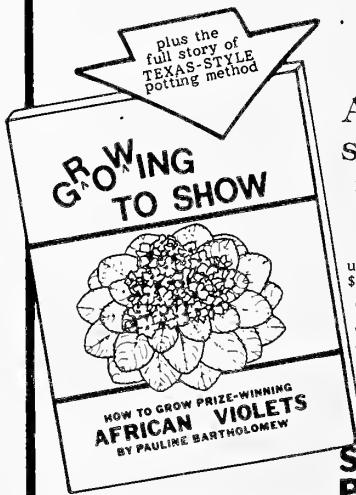
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4-1/2"	Wt. (only)	3" Deep	1	5	10	25	50
5-1/2"	Gr. or Wt.	3-1/8" Deep	.90	4.20	7.80	18.00	33.60
6"	Gr. or Wt.	4-1/4" Deep	1.05	5.10	9.70	22.80	43.20
8"	Gr. or Wt.	5" Deep	1.30	6.30	12.00	28.80	55.00
10"	Gr. or Wt.	6-1/4" Deep	1.80	8.70	16.80	40.00	78.00

## PERMANEST TRAYS - Light Green - No Holes

1	6	12	25	50
4" x 8" x 2-1/2"	.75	4.25	8.00	
8" x 8" x 2-1/2"	1.25	7.25	13.75	
8" x 12" x 2-1/2"	1.35	7.50	13.80	
22" x 11" x 2-3/4"	3.99	23.00	45.00	

## PLASTIC TRAYS - No Holes

25-1/2" x 13-1/2" x 3-3/16" Gr. or Wt.	3.25	18.50	35.00	67.00
Elisa's African Violet Rings				
Mini (6") Gr. only	.90	4.75	8.75	17.00
9" Gr. only	1.00	5.00	9.50	18.25
13" Gr. only	1.25	6.50	12.00	21.00
				30.50
				35.00
				38.00

## FREDETTE'S ALLEGRO Plant Tonic

Excellent for starting leaves and small plants.

Use 3 tsp. per gal. water. 4 oz. bottle - \$2.75 each;  
3 for \$7.50; 6 for \$13.50; 12 for \$25.00.

1 gal. (for large growers) \$34.00 each.

## PLASTIC TERRARIUM

12" Diameter - \$6.75 each

White - Green - Beige - Terra-cotta

## SWIFT'S "MOIST-RITE" PLANTER

White - Green - Black

\$3.85 each - 6/18.00 - 12/32.00 - 24/59.00

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Supplies - UPS East of Mississippi - \$3.50;

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Mass. residents include 5% Sales Tax

Please include STREET or ROAD, Zip Code

and Phone Number

Prices subject to change without notice.

## PETER'S WATER SOLUBLE FERTILIZERS

Formula	Type	Size/Price
12-36-14	African Violet Special	4 oz. 12 oz. \$1.25 \$3.00
5-50-17	Variegated Special	1.25 3.25
15-16-17	Peat-Lite Special	1.25 2.75
20-20-20	General Purpose	4 oz. 16 oz. 1.25 2.75
15-30-15	House Plant Special	1.25 2.75
Dolomite Limestone		2 lbs./\$1.50
Charcoal	No. 4 Coarse No. 6 Medium	20 oz. 40 oz. 1.50 2.75
Vermiculite	No. 2 Coarse	4 qts. 16 qts. 1.25 4.00
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Long Fibered Sphagnum Moss		8 qts./\$2.75

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## STURDY

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## PLANT DINNER

8 oz. BOUNTY,

4 oz. STURDY +

Mixer Dispenser Bottle  
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32 oz. - \$9.95

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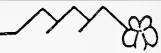
16 oz. - \$6.95

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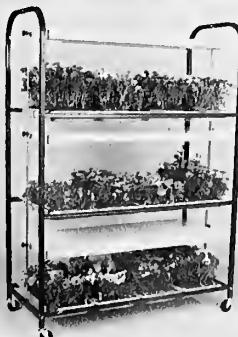
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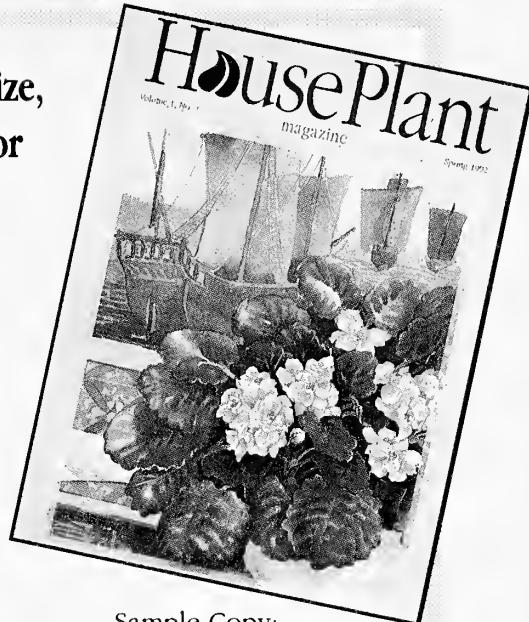
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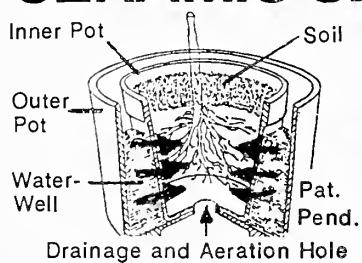
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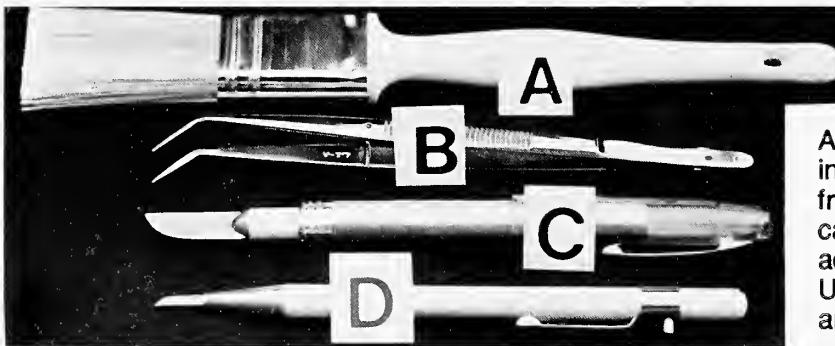
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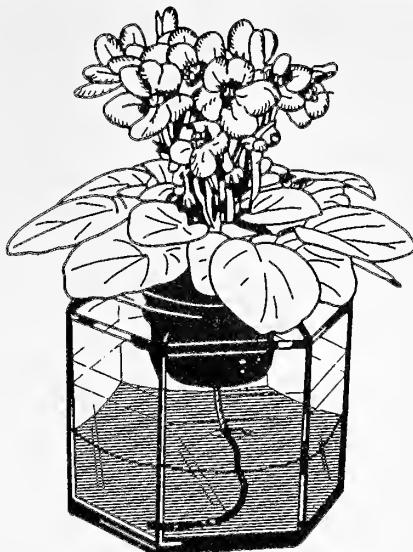
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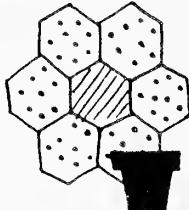


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4" AZALEA POTS	packed 560	\$.10ea

*Give Your Violets A Lift  
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COLOR: White, Terra Cotta

COLOR: White only

COLOR: GR, WT, BR, Terra Cotta

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5.5a - 35 lb.	\$204.00
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### CASE/PRICE

### DECORATIVE CERAMIC POTS

Made for either "Wick" or "Texas style planting"  
We have all the African Violet pot molds.

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Retail List Available

### PLASTIC FLOWER POTS

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			10	20	50	100	500
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2-1/2	Wh or Gr	RS or SQ	1.40	2.35	5.00	9.00	37.00
3	Wh or Gr	RS/RT/SQ	1.70	3.15	7.00	13.00	55.00
3-1/2	Wh or Gr	RT or SQ	1.95	3.60	8.25	15.00	65.00
4	Wh or Gr	RS/RT/SQ	2.40	4.25	9.50	17.25	76.00
4-1/2	Wh or Gr	RS/RT/SQ	2.60	4.75	10.50	19.00	86.00
5	Wh or Gr	RS or RT	3.10	5.70	13.00	23.00	105.00
6	Wh or Gr	RS or RT	3.85	6.75	15.50	29.00	130.00
6-1/2	Wh or Gr	RT	4.35	7.75	17.75	33.00	
7	Wh or Gr	RS	7.10	13.50	31.25		
8	Wh or Gr	RS or RT	8.00	15.50	36.00	"SEE NOTE	

\*For more than 50 of 6-1/2", 7" & 8" pots send for special quote.

"Type" note: RS (round standard) = height & top width are equal  
 RT (round tub) = height is 3/4 top width  
 SQ (square) = volume same as RS

### PLASTIC PAN POTS

Very shallow — depth is half the width of the top.

Top Diam.	Color	10	20	50	100	250
5"	Wh or Gr	3.20	6.00	14.00	25.50	58.00
6"	Wh or Gr	4.00	7.75	18.00	33.50	78.00
6-1/2"	Wh or Gr	4.25	8.25	19.25	36.25	88.00
8"	Wh or Gr	6.40	12.00	28.00	54.00	129.00
10"	Wh or Gr	9.90	18.75	45.00	85.50	208.00

### PLANT CARE ITEMS

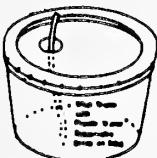
Soilless mixes & Ingredients: 8 gal. maximum for one shipping charge.  
**VIOLET HOUSE SOILLESS MIX** - mix of peat, 2 Gal. \$3.00  
 perlite, vermiculite, dolomite lime & trace of Peters  
**FINE SEEDLING MIX** - Similar to VH mix, 2 Gal. 3.00  
 no Peters & finer vermiculite  
**PERLITE** - Aerates Mix 1 Gal. 1.50  
**VERMICULITE** - Helps maintain moisture 1 Gal. 1.50  
**CANADIAN PEAT** - Milled 2 Gal. 2.50  
**DOLOMITE LIME** - Raises alkalinity of too acid soil 1 lb. 1.30

### CAPILLARY MATTING - "Vattex"

Water, using capillary action. Vattex is a gray matting with a thin black, perforated plastic sheet on top. Thus algae growth is minimized. It is washable, tough, but can be cut easily with shears. It is 4 feet wide. (eg.: 1' x 4' = 4 sq. ft.)  
 \$.40 per sq. ft.

### Wick-water with: PLASTIC WATER RESERVOIRS

Height	20	50	100	500
8 oz. 1-3/4"	\$7.75	18.00	32.00	130.00
16 oz. 3"	7.75	18.00	32.00	130.00
32 oz. 3"	12.00	26.75	49.50	190.00



We do not supply wicks.  
 5" pans can fit in top of 8 or 16 oz.  
 Reservoirs without lids are 1/2 priced.

### Send Orders To:

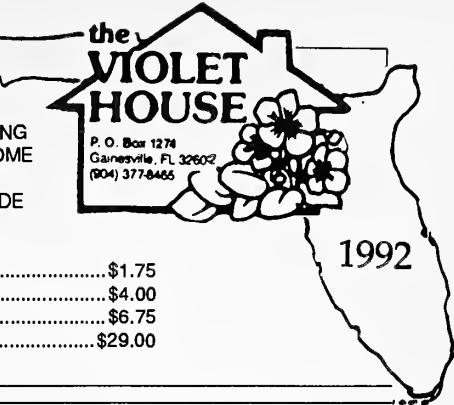
**THE VIOLET HOUSE**  
 P. O. Box 1274 - Dept. AV  
 Gainesville, Florida 32602  
 Phone (904) 377-8465

### TINY TUBS

YOU HAVE BEEN ASKING  
 NOW WE HAVE SOME

1-3/4" TALL X 2-1/8" WIDE  
 White and Terra Cotta

20	\$1.75
50	\$4.00
100	\$6.75
500	\$29.00



### SEEDS

We continue to offer Nadeau's African Violet Seeds  
 (1) Standard; (2) Miniature; (3) Variegated; (4) Trailer  
 PACKETS

(100 seeds and instructions) ..... \$4.75  
 KITS

(100 seeds, instructions, Jiffy-7 pellets,  
 & starter container) ..... \$5.25

Jeanie Moe's Sinningia Seeds are still available in five different  
 selections: (A) Purple; (B) Maroon; (C) Pink; (D) Mini Mix;  
 & (E) Micro-mini Mix

PACKETS

(100 seeds and instruction sheet) ..... \$3.75  
 KITS

(100 seeds, instructions, starter container  
 & Jiffy-7 pellet) ..... \$4.25

See our catalog for descriptions

### JIFFY-7 PELLETS - 12¢ EACH

STARTER GREENHOUSE ..... \$5.00 COMPLETE  
 For starting leaves or seedlings, 22" long x 11" wide  
 includes tray, 72 cavity insert & clear dome

### LABELS

3" white, plastic ..... 100 for \$1.25  
 4" white, plastic ..... 100 for \$1.75

### LEAF SUPPORTS - J. F. INDUSTRIES

SIZE	3	10	25
6" fits up to 3" pot	\$2.75	8.00	18.00
9" fits up to 5" pot	3.25	9.50	21.00
12" fits up to 5" pot	4.00	11.00	23.75
15" fits up to 8" pot	6.25	17.75	37.50
18" fits up to 8" pot	7.00	20.00	41.00

### GRANNY'S BLOOMER -- JUNGLE JUICE

2 ounce bottle ..... \$1.60  
 6 ounce bottle ..... 3.00

### SEND FOR OUR FREE CATALOG

Many other items are listed: MOISTRITES, OYAMA  
 PLANTERS, Insecticides, Fertilizers, Masks and Pens, Meters,  
 Trays, Soil Supplements. Minimum order is \$7.50 plus  
 shipping & handling

FLORIDA customers MUST ADD 6% Sales Tax

#### Shipping and Handling Charges:

UNITED PARCEL to EASTERN, MIDWEST, AND  
 SOUTHERN STATES ..... \$3.75

to the West: ND, SD, NE, CO, NM, AZ, UT, WY, ID, MT,  
 WA, OR, CA, & NV ..... \$4.00

ALASKA & HAWAII & other areas

U.S. MAIL: Air or Surface ..... ACTUAL COST

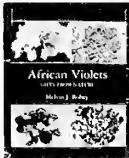
# From all the Tinari's ... Joyous Seasons Greetings

*Glistening holiday lights aglow; Reflecting shadows in the snow.  
Gifts bring memories of a yesteryear; Renewing friendships we hold dear.*

## AFRICAN VIOLET ACCESSORIES SHIPPED PROMPTLY THE YEAR ROUND BY UPS, MAKE MEMORABLE CHRISTMAS GIFTS

\*\*\*\*NOTE NEW CERAMIC ITEMS AVAILABLE IN THIS AD.

**AFRICAN VIOLETS: GIFTS FROM NATURE** by Melvin J. Robey. Beautiful new book, contains 42 color photos, 150 black & white. Many illustrations and charts; a real textbook 8-1/2" x 11". All you ever wanted to know about African violets. Truly a masterpiece! \$45.00 ppd.



**GROWING OUR WAY ... "OUR AFRICAN VIOLET HERITAGE"** by Anne Tinari. Read about the heritage of your favorite plant, its growth and history of many cultivars originated in the last 30 years. Most often asked questions and answers to help you with your violet problems. An ideal gift for any violet enthusiast, autographed on request. \$6.95 postpaid



**"GROWING AFRICAN VIOLETS IN SOUTHERN AFRICA"** by Joan Halford. A fascinating basic manual promoting every facet of home or greenhouse growing. Containing 33 color photos, over 100 vivid illustrations displaying how to propagate cuttings, hybridize and grow seed. Shown are leaf and blossom types, pests and eradication methods. Texas Potting and capillary matting, feeding, watering and humidity requirements. An excellent glossary and index provide continuity and fundamentals for success. \$15.95 ppd.

**GROW-LITE FLUORESCENT STAND** - An ideal fluorescent light fixture to grow choice African violets. Gray top, black wrought iron legs, height is adjustable from 12" to 24". Light fixture comes complete with 2-20 watt Gro-Lux tubes. App. size 24" high, 24" long and 13-1/2" deep. May be used with automatic timer. \$49.95 ppd



**4-TRAY LITE STAND** ... Fabricated from 1" square aluminum tubing. They are easy to assemble with a screwdriver. These stands are sturdy, yet attractive. The unit comes complete with four plastic tan trays and four double light fixtures with Gro-lux wide spectrum tubes. The shelves do not adjust, but the fixtures are easily adjusted with the new slide adjustment. Overall size 70" high x 26" length x 12" depth. Shipped by UPS prepaid.

4-Tray Lite Stand ..... Aluminum finish ..... \$265.00 ppd.  
4-Tray Lite Stand ..... Brown finish ..... \$285.00 ppd.

**8-TRAY LITE STAND** ... Fabricated from 1" square aluminum tubing. They are easy to assemble. This unit comes complete with eight plastic tan trays and four double light fixtures with Gro-lux wide spectrum tubes. Shelves do not adjust, but the fixtures are easily adjusted with the new slide adjustment. Overall size 70" high x 26" length x 24" depth. Shipped by UPS prepaid.

8-Tray Lite Stand ..... Aluminum Finish ..... \$295.00 ppd.  
8-Tray Lite Stand ..... Brown Finish ..... \$320.00 ppd.

**FLORA CART** - Indoor Garden on Wheels - Ideal for growing African violets. Rugged lifetime construction of aluminum tubing. Beautiful molded fiberglass trays 19" x 49" x 1-1/2", light-weight, strong and easy to clean. Shipped "knocked down" with complete instructions for assembly. May be operated with automatic timer. (Accommodates 48" tubes.) Flora Carts shipped only in Continental USA.

**MODEL BA-3** - 3-tray Flora Cart, includes aluminum framing, top bracket, three fiberglass trays and casters for easy moving. Overall size: 68" high x 53" long x 19" wide. Shipped prepaid via UPS ..... \$315.00

(Light fixtures not included, see below)

**COMBOLITE FIXTURES** - for use with all size Flora Carts, one fixture needed per tray, two tubes per fixture included of the Gro-Lux Wide Spectrum. Shipped prepaid via UPS ..... \$75.00

SEND 50¢ FOR COLOR CATALOG

Dept. AV  
Commercial Member of AVS of America, Inc. — SINCE 1947

## HANDCRAFTED 2-PIECE SELF-WATERING CERAMIC POT



### STYLE CSW-1

Height ..... 4-1/2" overall  
Width ..... 7" overall  
Pot Size ..... For 3" or 4" pots  
Price ..... \$14.95 postpaid

### STYLE CSW-2

Height ..... 3-1/4" overall  
Width ..... 5-1/2" overall  
Pot Size ..... For 2-1/4" or 3" pots  
Price ..... \$10.95 postpaid

### STYLE CSW-MINI

(for miniatures & semiminiatures)  
Height ..... 3-1/4" overall  
Width ..... 4-3/4" overall  
Pot Size ..... Minis  
Price ..... \$8.95 postpaid

### STYLE CSW-MM (Micromini)

NEW - especially for Microminis  
Height, 2-1/4"; Width, 3-1/2" overall \$6.95 postpaid

2-piece ceramic self-watering footed pots. Choose from 9 sparkling colors in lavender, Robin's egg blue, mint green, deep blue, pink, sesame, lemon yellow, gray, and white. Attractive violet cluster glazed decal decoration on both sides. (Please state 2nd color choice.) These pots can be watered from side holes to the reservoir or removed to refill reservoir. Helps to avoid overwatering and very convenient for people who must be away for periods of time.

## CERAMIC CONCH SHELL



Self-watering 2-piece ceramic conch shell. A novel way to display & grow your most beautiful violets. Shell measures 8" in dia., 4" high suitable for 2-1/2" to 3" pot. Available in 4 sparkling colors with Mother-of-Pearl overlay... soft shell peach, light blue, light lavender & white. \$14.95 ppd.

## OLD-FASHIONED CERAMIC EGG CUP

Ideal to hold miniature and semiminiature violets.  
3-1/2" high, 2-3/4" wide with violet decal. Available in lavender, pink, Robin's egg blue & white. \$5.95 ppd.



## MINIATURE CERAMIC TEA CUP

Perfect setting for micromini and miniature violets. 2-1/4" high, 2-1/4" wide with violet decal, adorable. Available in lavender, pink, Robin's egg blue and white. \$3.95 ppd.



## TINARI'S AFRICAN VIOLET GROWING MEDIUM

Properly blended growing medium - the same used in our greenhouse operation, pH of about 6.4, packaged ready to ship in:

12 Quart poly bag ..... zone 0-1-2 ..... \$11.95 ppd.  
12 Quart poly bag ..... zone 3-4-5 ..... \$12.95 ppd.  
12 Quart poly bag ..... zone 6-7-8-9 ..... \$13.95 ppd.

(First number of your zip code indicates zone you should use.)



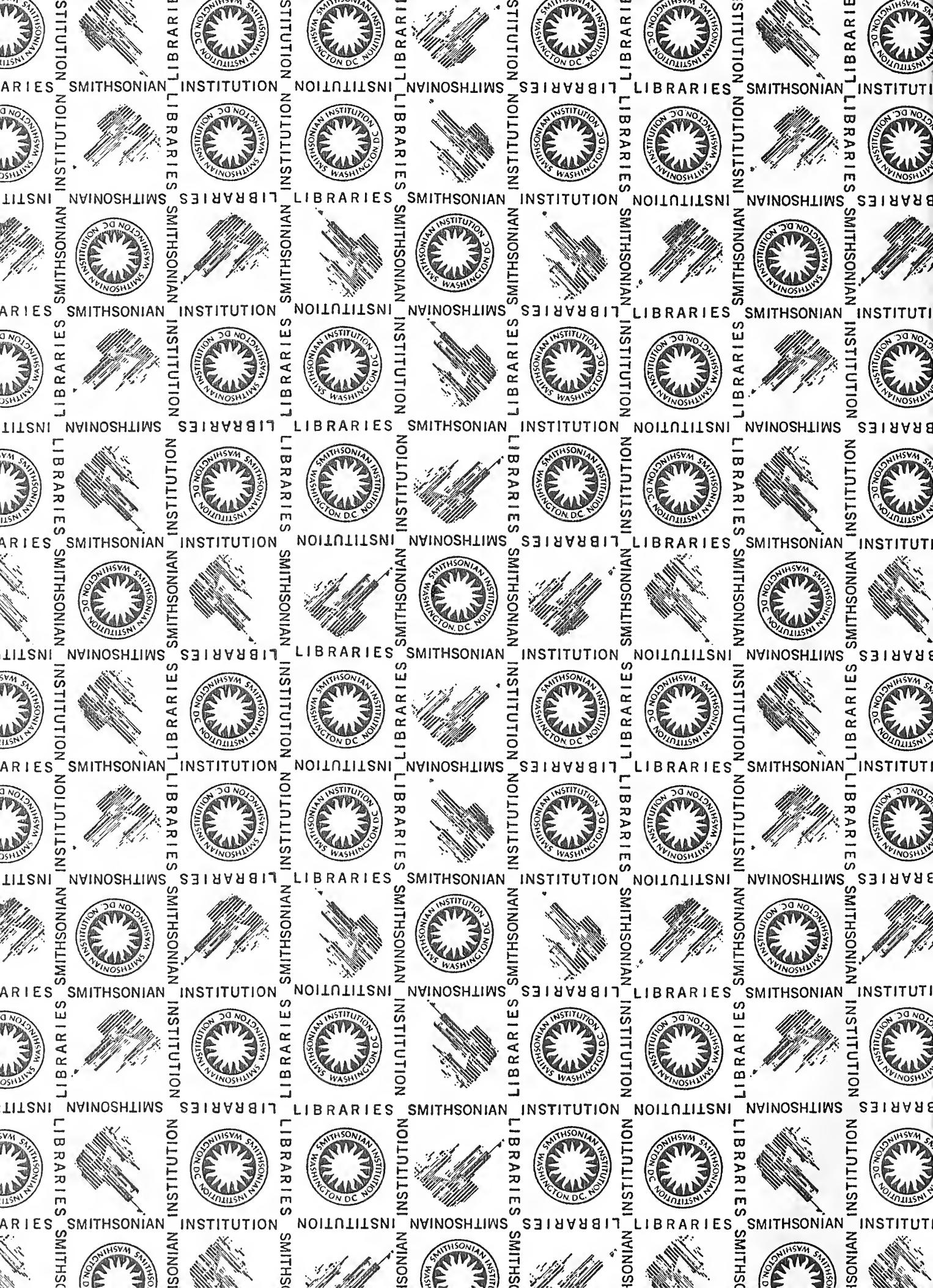
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Don Valley, Penna. 19006

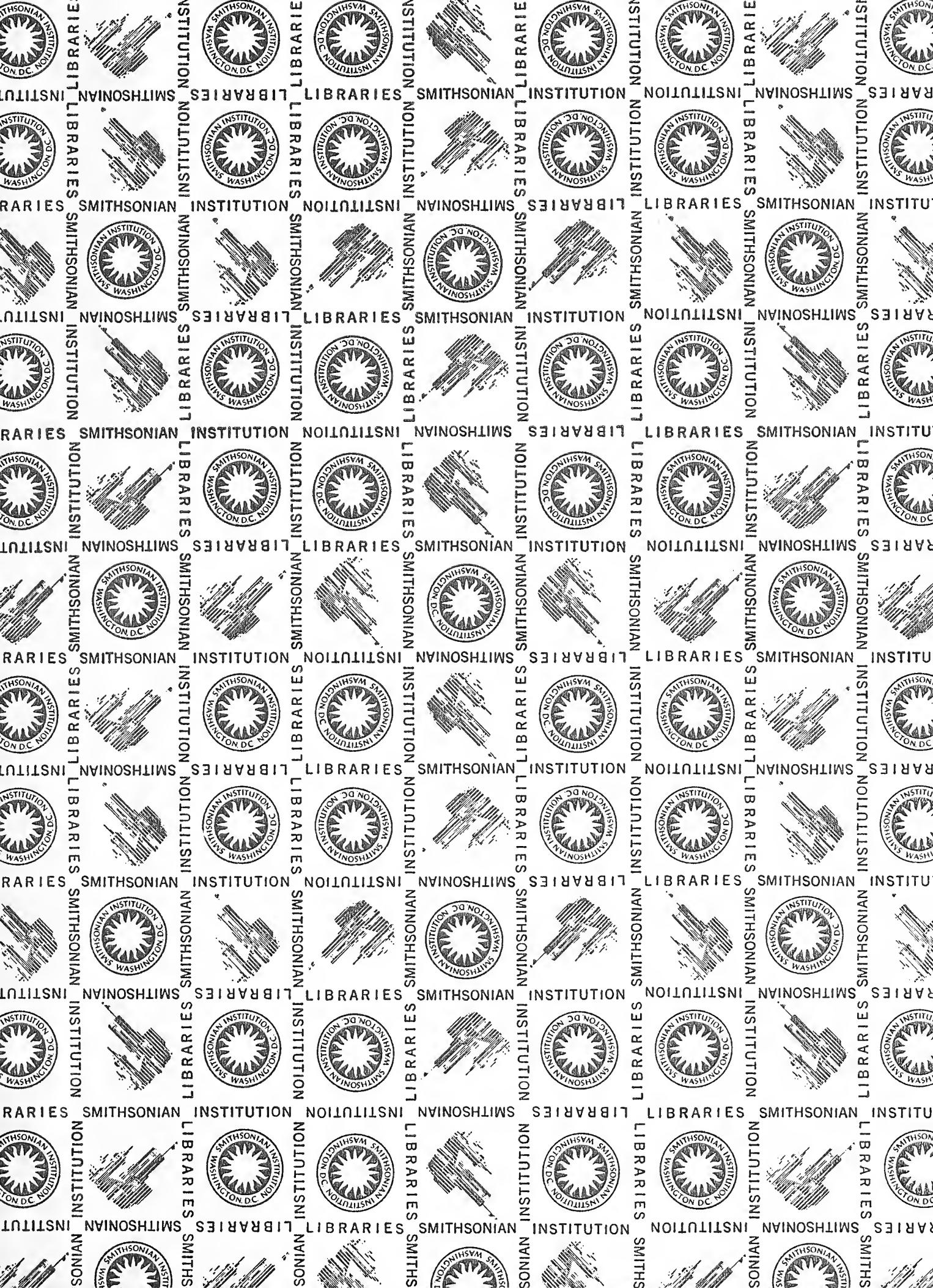
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